ACCELERATED BRIDGE CONSTRUCTION: EASY AS A, B, C

NEED TO BUILD OR REPLACE A BRIDGE IN A FLASH? CHOOSE STEEL!

Accelerated bridge construction techniques combine innovative planning, design, materials, and construction methods in a safe and cost-effective manner to dramatically cut the time it takes to build a bridge onsite.

For shorter spans, steel bridges or bridge elements can be fabricated elsewhere and carried into place during a brief closure for minimal interruptions.

**Steel bridges: The obvious choice**

**NO OTHER STRUCTURAL BRIDGE MATERIAL CAN MATCH DOMESTICALLY FABRICATED STRUCTURAL STEEL.**

The steel industry has the pedal to the metal, with constant innovation making it faster and easier to design, fabricate, and construct a bridge with steel.

An economical choice, today and tomorrow: Steel’s unmatched resilience and durability provide outstanding value that adds up fast during a service life of a century or more.

Bridges with nothing to hide: Inspecting a steel bridge is much easier, faster, and less expensive than inspecting a concrete bridge. And if an inspector does find a potential issue, it’s also much easier, faster, and less expensive to repair.

ABC—easy (and as fast as) 1, 2, 3: When’s the last time you replaced a bridge overnight? It’s possible with accelerated bridge construction (ABC) techniques, like assembling a complete bridge offsite and moving it into place during a brief road or rail closure.

Less is, in fact, more: Steel’s unmatched strength-to-weight ratio allows longer spans with fewer intermediate piers—and a smaller environmental footprint.

Ace your geometry test: Steel is ideal for both simple designs and complex geometry, and its high span-to-depth ratios mean your bridge can go the distance with a shallower superstructure.

Go with the sure thing: Structural steel is a reliable choice because it has the most robust quality certification program out there, which is designed to prevent errors instead of correcting them.

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BUILD BRIDGES—
NOT TRAVEL TIMES

Keep the traveling public safe and happy with smaller work-zones that are active for a much shorter time.

Sam White Lane Bridge
American Fork, Utah
I-15, under the bridge, was closed for only eight hours.

Bayou Sara Swing Bridge, Mobile County, Ala.
Replaced in 14 hours

Metro-North Railroad Bridge over Atlantic Street, Stamford, Conn.
Two lines available for commuter rail traffic at all times during replacement