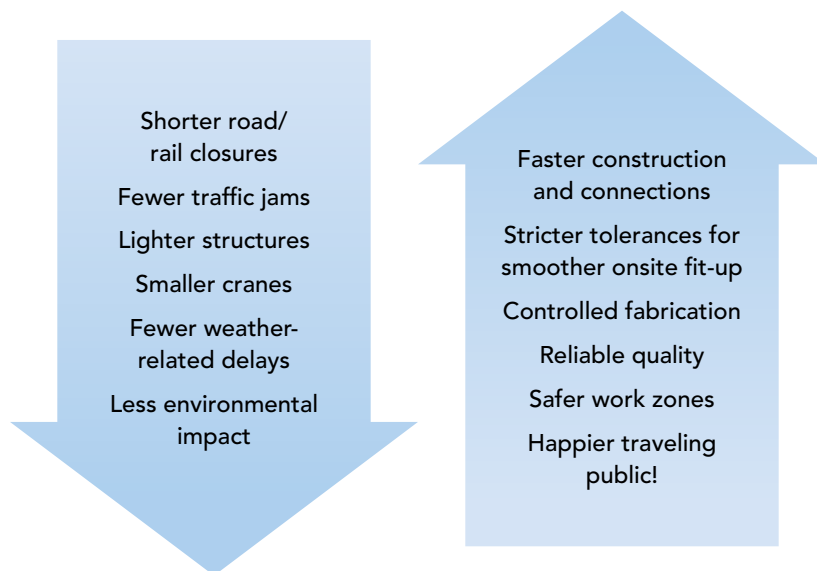


ACCELERATED BRIDGE CONSTRUCTION: EASY AS A, B, C

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.



Controlled fabrication for reliable quality

Hate jobsite surprises? Let skilled workers precisely assemble your bridge or bridge elements in the controlled environment of a fabrication shop instead of a work zone.

Steel's tighter tolerances mean a smoother fit-up onsite, and steel handles the forces involved in lifting and moving a bridge into place better than any other material on the market.

DID YOU KNOW?

AISC Certification is a shortcut to reliability—we've already done the vetting. Certified fabricators and erectors have demonstrated to independent auditors they have the systems and experience to prevent errors entirely, instead of correcting them after the fact. aisc.org/nsba/get-involved/certified-bridge-members/ to find a Certified fabricator or erector near you.

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.

aisc.org/bridge-design-principles



Smarter.
Stronger.
Steel.

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



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