

INQUIK® BRIDGE



A Complete Solution for Reinforced Concrete Bridges

The InQuik® Bridge is a pre-engineered **modular system** featuring abutments, wingwalls, pier caps, and superstructure/deck panels. These prefabricated components include reinforcing steel and formwork only, without any concrete, making them lightweight for regular transportation and easy installation.

The AASHTO-compliant bridge can be installed in less than a week, which saves time and money. The modular components are simply lifted onto the foundation, spliced together and cast-in-place to form a reinforced-concrete structure.

The superstructure/deck panels are self-supporting and eliminate the need for temporary bracing or falsework. This means there is no need to work under the bridge, **reducing timelines, minimizing environmental disturbance, and improving worker safety.** Dewatering is not required, nor are cofferdams.

InQuik® bridges can be either simply-supported or integral. The innovative InQuik® integral bridge design eliminates the need for joints, bearings or tie-downs, creating a virtually **maintenance-free and disaster-resilient structure.**

Single Span Bridge



Multi-Span Bridge



BENEFITS

1

Prefabricated modular system can be built in less than a week

2

Minimal equipment & labor required for install, reducing costs

3

Self-supporting superstructure simplifies construction

4

Dedicated support included from concept to completion

For more information contact **CMC Bridge Systems**, the authorized **provider of InQuik® Bridges** in the United States.



Email:

bridgesystems@cmc.com

Website:

cmc.com/bridgesystems

Phone:

866.249.9661

InQuik®

Pre-Engineered & Prefabricated Modular Bridge

COMMON EQUIPMENT



- Modular system designed for convenient transportation
- No transportation permits required
- InQuik Bridges can be installed with an excavator or small crane
- Reduced construction complexity
- Minimal labor required
- No bridge experience needed

ABUTMENTS & WINGWALLS



- Manufactured in a variety of heights, with or without wingwalls
- Compatible with a variety of foundation types
- Lightweight and only 2 picks for each bridge
- Can be filled with concrete same day of install

SUPERSTRUCTURE PANELS



- A complete solution above grade
- Manufactured in a variety of span lengths
- Self-supporting superstructure panels
- No temporary supports or bracing required
- Construction occurs from above, improving worker safety
- Reduced on-site complexity