

NEXT-GENERATION PEDESTRIAN & BICYCLE BRIDGES

Urban parks and green spaces.
National and provincial parks.
Road and river crossings.

OUR SUSTAINABLE BRIDGE SOLUTION IS A BREATH OF FRESH AIR

There is increasing demand for sustainable construction solutions – particularly in applications involving scenic urban and wilderness parkland settings, and high-profile traffic crossings.

As Canada's exclusive licenced manufacturer of **InfraCore®** technology, CMSI is helping to change the way pedestrian and bicycle bridges are conceived and constructed through lightweight, next-generation composite solutions.

CMSI's bridge systems are manufactured with advanced Fiber Reinforced Polymer (FRP), featuring innovative InfraCore® technology. InfraCore's ingenious, patented design offers numerous advantages.

Stronger

FRP is 5x stronger than steel. Patented InfraCore® technology prevents delamination, debonding and cracking in load bearing infrastructure applications.

More Sustainable

Structural guarantee up to 50-years, with a projected 100+ year lifespan. Single span pre-fab delivery reduces transportation requirements.

Faster Installation

Our monolithic bridges arrive in one-piece, and can be installed on the foundation in one-day: for dramatically accelerated completion vs. conventional concrete, steel and wooden bridges.

Proven Safe

CMSI bridges are engineered and manufactured to comply with all Canadian building codes

and standards. Over 1,000 traffic and pedestrian bridges have been built worldwide using InfraCore® technology.

Low Maintenance

Our FRP bridges are virtually indestructible. They are resistant to moisture, rot and mold and insensitive to temperature changes. Vandalism and graffiti are easy to remove.

Customized Design

CMSI's composite materials give you greater flexibility to create aesthetically appealing, architecturally distinct bridge designs that complement the natural surroundings. Choose your colours, wear layers, handrails, even built-in LED lighting. CMSI is up to your challenge.

Applications:

- **New Infrastructure**
- **Maintenance/Rehabilitation**

Installed in one-piece in one day
100-year projected product life
23 m maximum length

1000+
BRIDGES
WORLDWIDE



Widening
of existing
construction
possible.

Extra FRP InfraCore® panels.



Add a Pedestrian Lane With CMSI Bridge Renovation

Renovating a steel or concrete bridge to add a pedestrian/ bicycle lane is easy. Our FRP bridges with InfraCore® Inside are primarily built on the existing structure, while reinforcing the overall load capacity.

Contact us to discuss
how FRP conforms
with your project
requirements.

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CMSI COMPOSITES
MANUFACTURER
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