

ALUMINUM INSPIRATION

Catalogue of Durable, Aluminum
Pedestrian and Industrial Bridge
Solutions by GatorBridge.





WELCOME

Reach out to us at anytime.
www.gatorbridge.com
info@gatorbridge.com
866.709.0034 770.933.8357

WHY CHOOSE GATORBRIDGE?

Over four decades ago Gator began fabricating out of a small shop in Sanford, Florida. Now, we have over 7,000 aluminum structures installed across the globe. Our clients include world renowned theme parks, the US Forest Service, and Departments of Natural Resources.

Why do our clients choose GatorBridge time and time again? GatorBridge has built a trusted reputation of delivering high performance, long lasting products at substantial cost savings. Our innovative design process and quality materials minimize life-cycle maintenance costs. The lightweight aluminum frames require less fuel during transportation and allow for quicker installation in the field, reducing the carbon footprint of your installation. Most importantly, GatorBridge's team of knowledgeable project managers, engineers, and AWS certified craftsmen are dedicated to fabricating the highest quality pedestrian, light vehicular, utility, and pipe bridges specific to each client's needs.



WHY ALUMINUM?

THINKING STEEL? THINK AGAIN.

HIGH STRENGTH TO WEIGHT RATIO

Aluminum is about a third the weight of steel yet it has a higher load bearing capacity than steel when compared pound to pound. This results in a higher performance bridge with lower transportation and installation costs.

RECYCLABLE & ECO-FRIENDLY

Not only do we use over 80% recycled materials during fabrication, our structures are 100% recyclable. Additionally, aluminum does not require toxic coatings to prevent corroding and flaking. If your project is concerned with minimal carbon imprint or installation footprint, Gator has your solution.

EASE INSTALLATION

Since an aluminum bridge will weigh far less than a steel bridge, transportation costs and carbon emissions are minimized. Additionally, smaller equipment, smaller abutments, and less labor are needed to install our bridges. Installation time is often a fraction of other material structures.

LOWER COST OF OWNERSHIP

When evaluating the competitive material cost of the bridge, transportation costs, installation costs, maintenance costs, long service life, and recycled value an aluminum GatorBridge has a substantially lower total cost of ownership than a steel bridge.

NO MAINTENANCE REQUIRED

Due to aluminum's natural protective coating and corrosion resistance, maintenance budgets for the long life span of an aluminum bridge are reduced or, in many cases, eliminated.

NON-CORROSIVE

Aluminum naturally produces a protective oxide that coats the exterior and regenerates when scratched. This oxide layer is highly corrosion resistant which minimizes maintenance costs as well as preserves the aesthetically pleasing, rust-free appearance while remaining cool to the touch all year round.

ANYWHERE AND EVERYWHERE

The fact that we make our bridges out of aluminum solves the problems most often encountered when taking on a bridge project such as saltwater exposure and poor site access. Our bridges have even been helicoptered or carried into limited access areas.

VARIETY OF DESIGN OPTIONS

An aluminum bridge can be designed to match any aesthetic, including a modern, industrial, vintage, or natural look. GatorBridge offers powder coating in any color as well as various material cladding options.



PEDESTRIAN BRIDGES

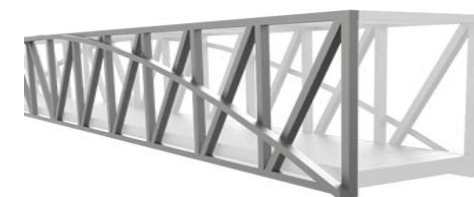
CHOOSE A CUSTOM DESIGN



STARTING YOUR GATORBRIDGE PROJECT

State and local governments across the country, as well as US national parks, choose to put in GatorBridges to accommodate their pedestrian traffic. Whether you are looking for a custom truss design or would rather start with one of our standard options, Gator's project managers and engineering staff will provide you with submittals and detailed plans sealed by a licensed professional engineer. Start your pedestrian bridge project by choosing one of the truss styles to the right or by specifying a custom design.

OR A STANDARD DESIGN



CASCADE

The most popular and economic standard design choice for most spans.

ATLANTIS

A variation of the Cascade, this design offers a less conventional look.

CONTOUR

An arched top chord elevates the aesthetics of the Contour truss.

SKYWAY

The skyway incorporates multiple design elements to carry higher loading capacities.



PIPE SUPPORT BRIDGES

PIPE SUPPORT + PEDESTAL MOUNTS + MAINTENANCE WALKWAY = TOTAL SOLUTION



UTILITY BRIDGES

Under, over, or along the side, Gator designs a custom solution for your utility bridge needs. Visit our website to view specific pipe support projects.



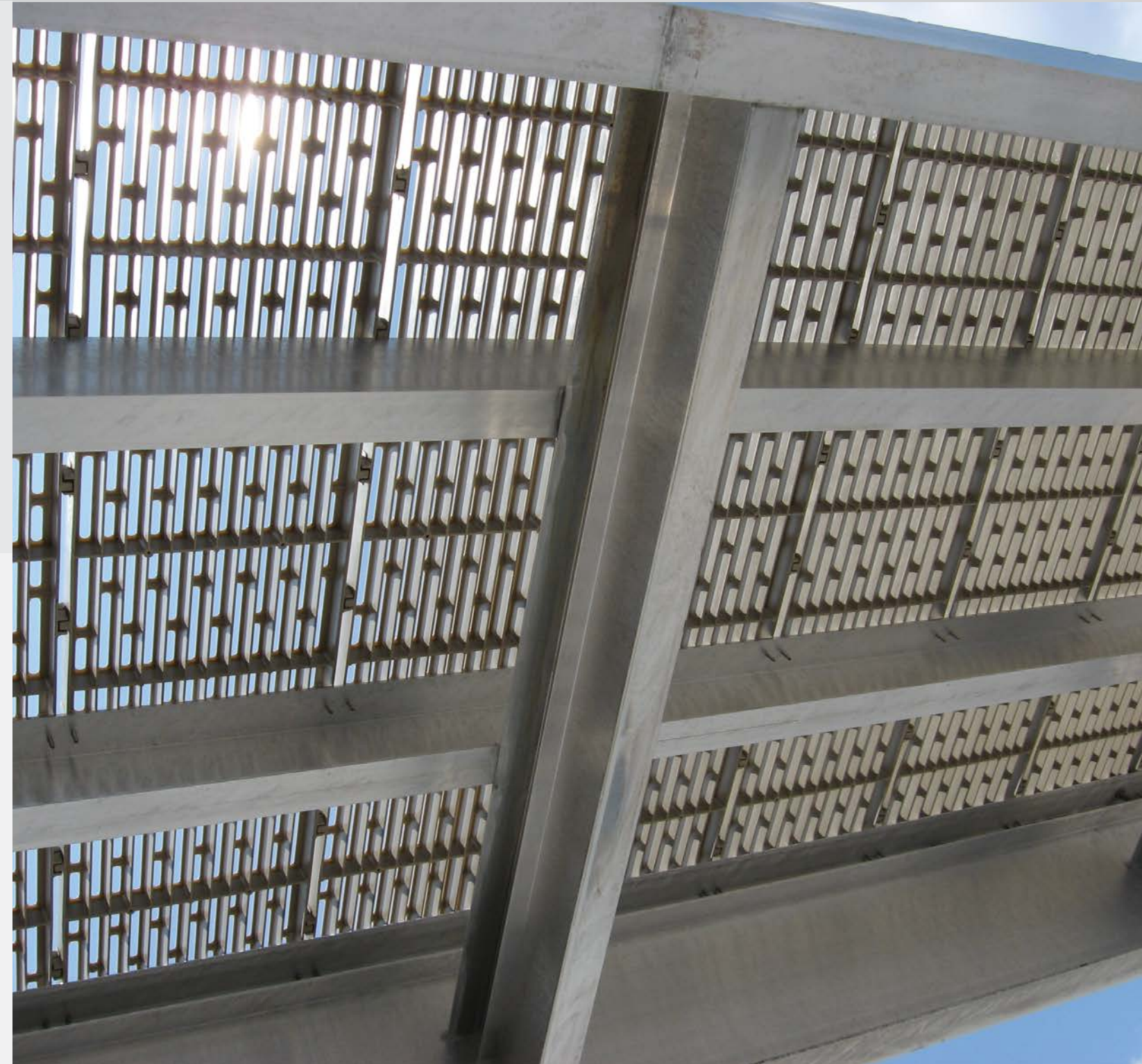
BOARDWALKS, CATWALKS, & MAINTENANCE WALKWAYS

TAKE
ADVANTAGE
OF
ALUMINUM'S
BENEFITS
ANYWHERE



ACCESS STRUCTURES FOR ALL

Whether your project is for industrial, commercial or private use, GatorBridge's aluminum structures and design team can deliver a high performance, long-life solution.



DESIGN OPTIONS

CLADDING, COLOR, LIGHTING, AND CUSTOM OPTIONS



ARCHITECTURAL FINISHES

The natural mill finish of an aluminum bridge is corrosion resistant, cool to the touch, and virtually maintenance free. GatorBridge offers hardwood or composite wood cladding and powdercoating upgrades if you are looking for a specific design aesthetic. Bridge enclosures, gates, lighting, and other utilities can also be incorporated into the design.



DECKING OPTIONS

DECKING STYLES

GatorBridge can incorporate any decking type into your bridge design. Our clients most often choose our slip-resistant aluminum decking as it is maintenance free and cost efficient. For higher loading requirements, pressure treated pine or long-lasting lpe hardwood decking is a popular choice. We also offer grating, composite wood decking, concrete, or asphalt decking designs.

RAILING OPTIONS



COMBINATION

The Combination, which combines a hand rail, toe rail, and pickets, is our standard rail at a 42 inch height. Or choose to upgrade to a 54 inch rail.



HORIZONTAL

The architectural Horizontal rail is perfect for cycling paths. Custom railing styles can also be designed to match existing site aesthetics.



ADA RAIL

Hand grab rail & toe rail in either aluminum or wood can be added to any GatorBridge to help meet ADA requirements.

ONLINE RESOURCES

PROJECT EXAMPLES

A BRIDGE PROJECT LIKE YOURS

Gator has designed and fabricated thousands of aluminum structures in our 45 years. Our website is sure to have examples of bridges that had similar challenges to your current project. Below are some application examples:

Parks & Rec Bridges

Trail Bridges

Temporary / Modular Bridges

Utility & Pipe Support

Maintenance Structures

Golf Course / Cart Bridges

Emergency Vehicle Access

Catwalks & Platforms

Covered Walkways

Boardwalks & Overlooks

Approach Rail & Gates



ENGINEERING & TECHNICAL SUPPORT

DOWNLOAD SPECS, PLANS, & CAD FILES

GatorBridge offers sample drawings, specifications and CAD files of our five standard truss designs.

ANATOMY OF A BRIDGE

What makes the design & fabrication of a GatorBridge different? Visit us online to see our bridges up close.

WHITEPAPERS

Learn about corrosion resistance, how an aluminum bridge has a lower total cost of ownership than steel, and other valuable topics online.

INSTALL VIDEOS

Installation of our aluminum bridges can cost far less and take a fraction of the time to install than other materials. See for yourself by watching our installation videos.



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