

Fish Passage Solutions



bigrbridge.com



Our Commitment

Big R Bridge has built a solid reputation by providing professional support and innovative, high quality fish passage solutions locally and around the world.



Big R Bridge offers a variety of fish passage structures to suit any application. Our open-bottom structural plate arches, box culverts and modular steel bridges can eliminate fish barriers by restoring the natural streambed. Structural plate boxes and arches are available in either galvanized steel or aluminum. Modular bridges can be fabricated as weathering or painted steel.

Environmentally Responsible

Once installed, bottomless structures provide a natural streambed that promotes fish passage. We have experience in adapting our structures and fabricating solutions that allow for natural migration.

Our plate arches and modular bridge spans have shown the cost associated with fish passage structures is often the same and sometimes less than restrictive culvert construction. By using steel span bridge crossings, we can also provide a sustainable recycled solution that will benefit the environment.

Technical Support

Our technical sales representatives can provide on-site evaluation and recommendations should you require them. The experience we have gained from working on hundreds of fish passage structures can be a resource on your next project. Service and experience are two things you can count on from Big R Bridge.

Strong
Durable
Versatile





Bolt•A•Plate™

Bolt•A•Plate™ standard and low profile arches anchored on footings are ideal for installations where there is limited headroom and low height of cover restrictions. These structures are engineered to maintain a natural waterway and allow for an abrasive bed load. Visit our web site for available standard geometries.

Super•Cor®

Super•Cor®'s deep corrugation profile permits construction of larger spans in a variety of configurations. Spans can exceed 80 feet with Big R's proprietary features. Special shapes are also available, including Super•Cor®'s box culverts in spans exceeding 50 feet with soil cover as shallow as 18 inches.

Dur•A•Span®

Dur•A•Span®, manufactured from tough aluminium alloy, has proven corrosion resistance in especially harsh environments. Similar to galvanized steel plate structures, Dur•A•Span® is available in a multitude of shapes including round, underpass, ellipse, pipe arch, arch and box culvert designs.



After



Before



Modular Steel Bridges

Modular bridge panels allow for quick installation resulting in shorter road closures. A crane or two excavators are commonly used to install a Big R Bridge - even in rugged terrain. Modular bridges are available in spans from 16' to over 150'.



The Right Bridge. Built Right.

Greeley, Colorado

Toll Free: (800) 234-0734

Phone: (970) 356-9600

Fax: (970) 356-9621

bigrbridge.com

An  Company

PRODUCTS AND SERVICES

- Corrugated Steel Pipe
- Corrugated Steel Pipe Arch
- Super-Cor® Plate Bridges
- Bolt-A-Plate™ Structural Plate
- Precast Panel Retaining Walls
- Welded Wire Retaining Walls
- Dur-A-Span® Aluminum Structural Plate
- Bolt-A-Bin™ Bin Type Retaining Wall
- Modular Vehicular Bridges
- Pedestrian Bridges
- Sandia™ Bridges
- Detour Bridges
- Skyway Bridges
- Bridge Abutments
- Bridge Deck
- Sheet Piling
- Cattleguards
- Water Control Gates
- Guardrail Systems



THE INFORMATION, SUGGESTED APPLICATIONS AND TABLES IN THIS BROCHURE ARE ACCURATE AND CORRECT TO THE BEST OF OUR KNOWLEDGE, AND ARE INTENDED FOR GENERAL INFORMATION PURPOSES ONLY. THESE GENERAL GUIDELINES ARE NOT INTENDED TO BE RELIED UPON AS FINAL SPECIFICATIONS, AND WE DO NOT GUARANTEE SPECIFIC RESULTS FOR ANY PARTICULAR PURPOSE. WE STRONGLY RECOMMEND CONSULTATION WITH A BIG R BRIDGE TECHNICAL REPRESENTATIVE BEFORE MAKING ANY DESIGN AND PURCHASING DECISIONS.