

DON'T BE DAMMED... MAKE IT A BEAVER!



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Beaver Bridges Ltd is a privately owned company based in the heart of Shropshire. We specialise in the design, manufacture and installation of a wide range of steel and timber bridges, from utilitarian and functional to award winning ornate and architectural styles. We have gained a strong reputation within the industry, boasting an enviable track record even on the most challenging projects. Our roots date back to 1953 when R S Beaver Ltd was formed, providing fabricated metal products to agricultural businesses across the midlands. Beaver Bridges traded under R S Beaver Ltd from 1998 until May 1st 2016 when Beaver Bridges then demerged to form a separate limited company and became Beaver Bridges Ltd, company registration number 09733378, (www.beaverbridges.co.uk). We also have Beaver Bridge Hire Ltd, registration number 08015006 (www.beaverbridgehire.co.uk). Henry Beaver is sole Director and shareholder of both companies.

Our clients range from private individuals to local authorities, major contractors and multinational corporations and we provide services across Europe. Beginning with conceptual designs, development into a practical working solution, through to fabrication, transportation and installation. Beaver Bridges aim to provide the right solution for the right price with our experienced team on hand

to make sure things run smoothly from inception to installation.

We work in all sectors from small turnkey bridge projects, utilising timber components, through to the

largest and most complex steel bridges. We also offer FRP pedestrian bridges and composite steel and concrete road bridges that are fully Highways Agency compliant.

All our new steel structures conform to European standards and come with CE Marking, execution class 3. Beaver Bridges are a verified supplier under the Rail Infrastructure Supplier Qualification Scheme.

In addition to our manufacture and supply services, Beaver Bridges can also carry out the demolition and removal of existing bridges, refurbishment works and the design and installation of foundations. We also deal in the sale of good quality used bridges.

Beaver Bridge Hire Ltd also offer a range of temporary bridging solutions, whether this is for construction work, events or any other temporary scenarios, Beaver Bridges will always find the right solution for the task.



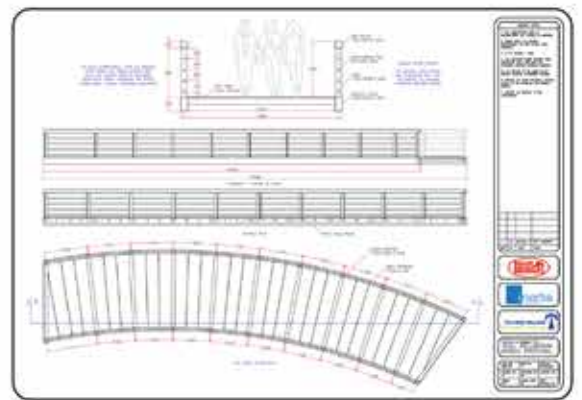
Beaver Bridges operates a system of work that prioritises the clients' needs, approaching all on-site operations in a safe, controlled and planned manner as to minimise the physical amount of time spent on-site. All works are carried out in the least intrusive way possible to minimise noise and disruption to all stakeholders. A close working partnership with clients is always adopted with regards to any specification, finishes and detailing on the bridge structures. This ensures that the client receives the desired product within an acceptable time frame and to a budget that is satisfactory to both parties.

We endeavour to suggest innovative and practical solutions to any on site issues with a focus on cost effectiveness and an attractive end product that the client will be satisfied with for years to come.

Design

We offer design services from initial conceptual ideas through to fabrication details, providing these in the form of CAD drawings and 3D rendered images using the latest Autodesk design software, producing practical solutions to suit your needs.

Working closely with our retained third-party Consulting Engineers we can provide Bridge Design Packs, Certificates, AIPs and CAT II and III checks upon request.



Fabrication & Finishes

Our structural steel bridges are fabricated in the UK by coded welders to high standards of workmanship, whether it is for utilitarian structures or more ornate architectural designs.

We can offer a range of features and finishes from our approved specialist sub-contractors including paint (Highways Agency and Network Rail specifications available), hot dip galvanising, a range of non-slip systems and timbers.

Installation & Site Works

Beaver Bridges offer the full turn-key package from design and fabrication through to transportation and installation, always adhering to all current Health and Safety legislation and operating within a safe system of work.

All of our site operatives possess the required certificates from accredited sources to carry out necessary site works, including CSCS, CPCS and SMSTS. All machinery and equipment used on site, whether it be our own or hired in plant, will always be checked prior to use and deemed to be in a safe serviceable condition.

Particular attention is paid to site de-mobilisation to ensure that all work areas are left clean and tidy, all debris, rubbish and unused materials are removed and when all works are completed that the site is left in the best possible condition.



Foundations

Foundation design services are also offered, along with installation of simple cost-effective and practical foundation solutions. Utilising precast concrete blocks or mass filled concrete manhole rings.

Demolition & Bridge Removal

Beaver Bridges also offer the service of dismantling, demolition and removal of existing decommissioned bridge structures, safely with minimum disruption to the surrounding local environment.

Existing structures will always be assessed by site investigation and survey carried out by a competent and qualified member of our team.



Bridge Refurbishment

Within our portfolio we offer services for the refurbishment of existing structures and have carried out these works for a variety of high profile clients, including Transport for London (see right). Works can include repairs, welding, strengthening, repainting and resurfacing. We also broker refurbished used bridges as a cost effective alternative solution. Below is an example of a refurbished bridge sale to Oulton Park race circuit in Cheshire in 2012.



Bridge Hire

Beaver Bridge Hire is a growing side of our business offering short to long term hire contracts on short span pedestrian and vehicle bridges to heavy duty modular bridges up to 45.6m with infinitely variable width. We are also the official UK agents for the Matiere Unibridge system as shown below.

For more information on Beaver Bridge Hire visit www.beaverbridgehire.co.uk.



Pedestrian, Cycle & Equestrian

Our range of proven designs for non-motorised users are very flexible, and with small alterations to dimensions they can be used for a variety of purposes. Beaver Bridges are able to suit any requirement, from simple cost effective utilitarian solutions, up to fully adoptable bridge structures.

Our large portfolio of pedestrian bridges includes short span beam bridges up to 29m, and truss solutions, such as vierendeel and warren truss designs for larger spans.



The primary benefit of a Beaver Bridges pedestrian, cycle or equestrian bridge is the flexibility in design. We are able to manufacture them to fit most specifications and dimensions, with many different designs, materials and options available we can build bespoke structures to suit a wide variety of applications.

Available options include non-slip deck surfacing, timber decks with anti-slip strips, timber parapets, a range of paint systems and hot dip galvanising. GRP components are also an option for reduced weight and minimum maintenance requirement projects.



Architectural Bridges

Our in-house design team can offer a range of standard parapet designs or bespoke options to suit your requirements, from ornate ironmongery to elaborate architectural steelwork.



Short Span Vehicle Bridges

A fantastic innovative solution for spans up to 9m, available in a range of widths from 3m to 4.5m. These bridges are designed for standard Highways Agency 44Te loading, such as articulated trucks over six axles.

A lightweight, but incredibly strong fully welded and fully enclosed single bridge unit. The advantage of this solution is the shallow deck height, minimising the build up of access ramps.



Drive Through Bridges

A mid range bridge for spans from 9m to 18m, available in normal carriageway widths from 3m to 4m. This half through construction enables a low entry height onto the bridge. They are also designed to carry standard Highways Agency loads although they can be constructed to meet specific additional requirements.

As a fully welded single unit construction this bridge style can be installed in a very short time period on site.

Heavy Duty Vehicle Bridges

When exceptional loads or large distance need to be spanned we have a range of design solutions for Heavy Duty Vehicle Bridges, with spans of up to 45m. Offering bridges to accommodate abnormal loading on single and two lane carriageways.

Whether they are for wind farms access, heavy construction traffic such as 60Te dumper trucks and 150Te tunnel boring equipment, or for agricultural machinery, such as combine harvesters and forestry forwarders. Beaver Bridges aim to offer innovative and cost effective solutions to meet the requirements of the client.



Modular Bridges

There are always situations where access is not ideal or there is not suitable room to mobilise a large crane or the structure is too large to transport in one piece.

Beaver Bridges enjoy the challenge of a project with a twist and as a result have developed a range of innovative modular bridging solutions for pedestrian, cycle, equestrian and vehicle bridges that can be assembled from kit form on site.

Contact Beaver Bridges for a modular solution to your bridging dilemma.



Modular Drive Through Bridge construction for a miniature railway at Wicksteed Park in Kettering, Northamptonshire. 27.3m long by 3.75m internal width, installed in June 2014.



Other Specialist Bridges

Beaver Bridges will endeavour to find solutions to all manner of bridging requirements. From cycle bridges high in the middle of mountain woodlands to mechanical retractable bridges to stop cattle from crossing, such as the bridge for Turville Court Estate (left) in Buckinghamshire, installed in May 2009.

We are also able to offer strong and lightweight glassfibre reinforced composite structures as a low maintenance and eco-friendly alternative.

Jubilee Bridge

Stokesley, North Yorkshire
11.6m Span x 1.5m Internal Width
Arched Pedestrian Beam Bridge

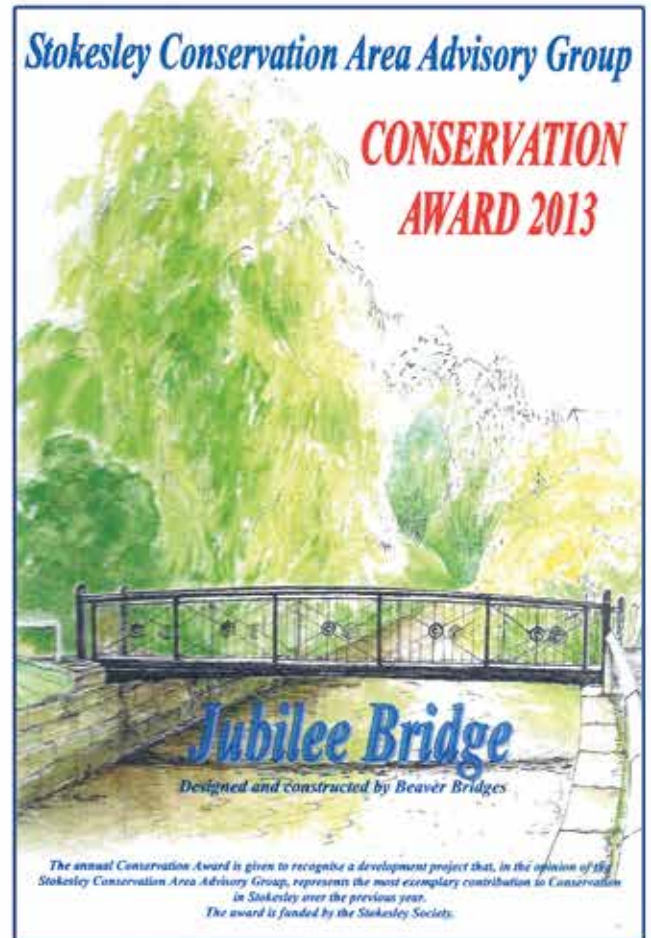
Installed March 2013
Client: Stokesley Manorial Lands Trust
Total Project Value: £20,300

"The Bridge has brought absolute delight to the townsfolk. Here's a very very big thank you from all of us here."

Lynn Southern, Stokesley Manorial Lands Trust

"The committee members of Stokesley Conservation Area Advisory Group together with the Stokesley Society would like to express our thanks to you and your colleagues for your help and support in making this long held ambition a reality."

Frank Robinson, Chairman of Stokesley Conservation Area Advisory Group



Syon Park Bridge

Earl Percy Syon Estate, Middlesex
17.5m Span x 1.5m Internal Width
Arched Pedestrian Truss Bridge

Installed December 2009
Client: The Duke of Northumberland
Total Project Value: £65,039

"The bridge has received many compliments since it was installed last Christmas and now that the landscaping around it has begun to mature, it sits well in the landscape. I am very grateful to you and the rest of your team for all your effort in designing and building the bridge which I have no doubt will stand for a great many years in the gardens at Syon Park."

Michael Baxter, The Northumberland Estates



Glenkerie Wind Farm Bridge

Glenkerie Wind Farm, Scottish Borders
15m Span x 7m Internal Width x 150Te Capacity
Heavy Duty Wind Farm Bridge

Installed December 2009
Client: I&H Brown Ltd
Total Project Value: £50,000

Beaver Bridges like a challenge and this certainly was. A double skew ended heavy duty bridge half way up a mountain to carry wind turbine nacelles.



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Our office is located just off Archers Way and situated on the well established Battlefield Enterprise Park.

Only 3 miles from Shrewsbury town centre and ideally located for access to the main A49, A5 link road and M54 motorway.

