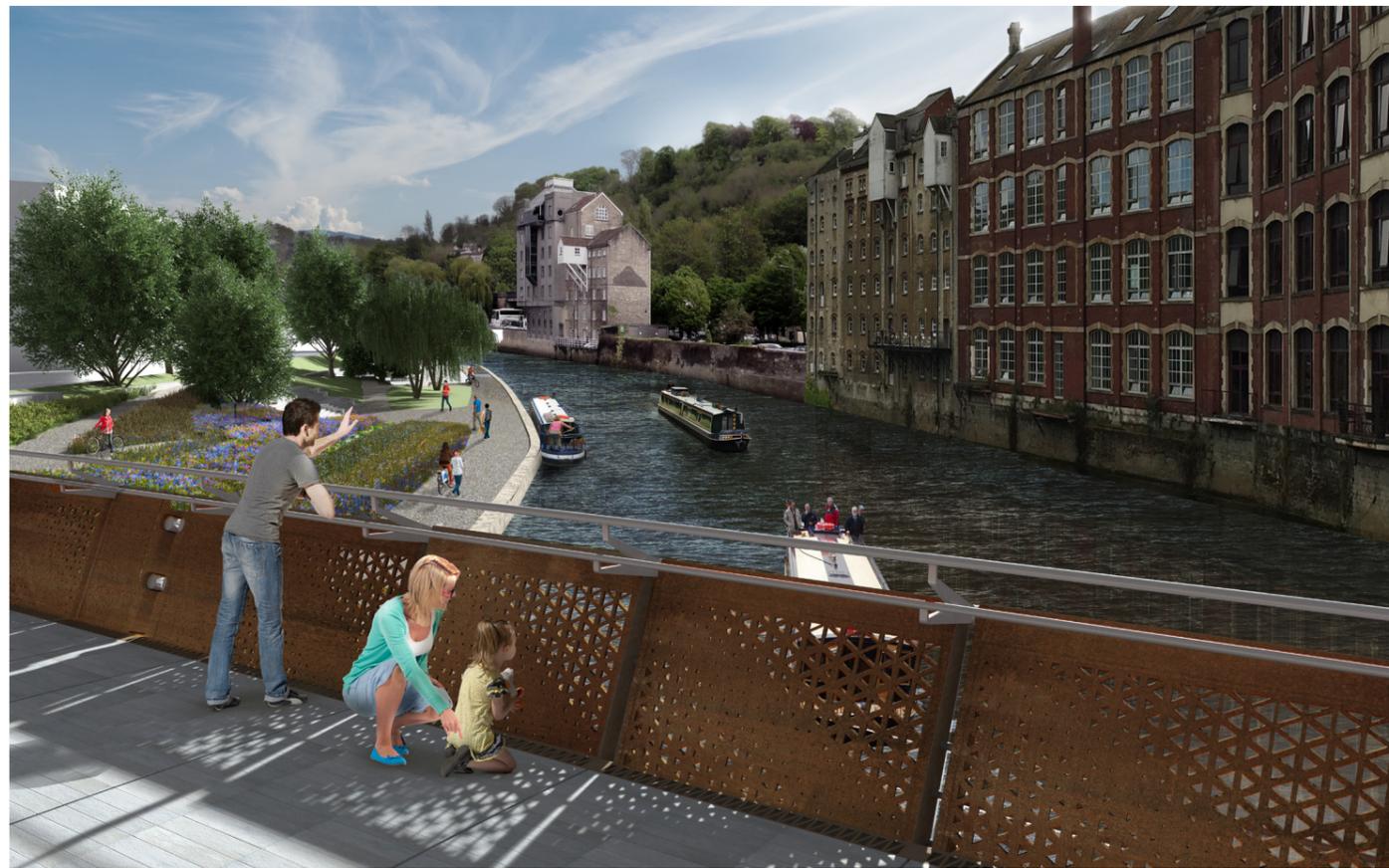






A LANDSCAPE SETTING THAT INTEGRATES ROUTES AND SPACES



A PLACE TO PAUSE AND WATCH THE BOATS GO BY



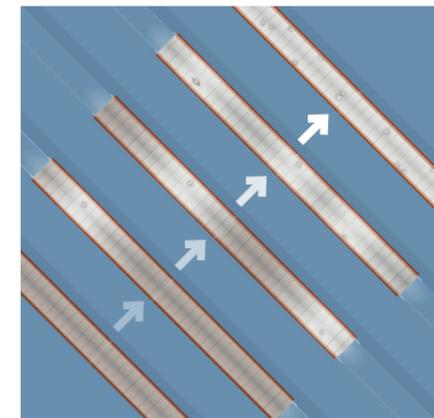
AN ELEGANT SPAN FRAMING A PICTURESQUE LANDSCAPE

**LINKED SPACES DESIGNED TO DELIGHT**

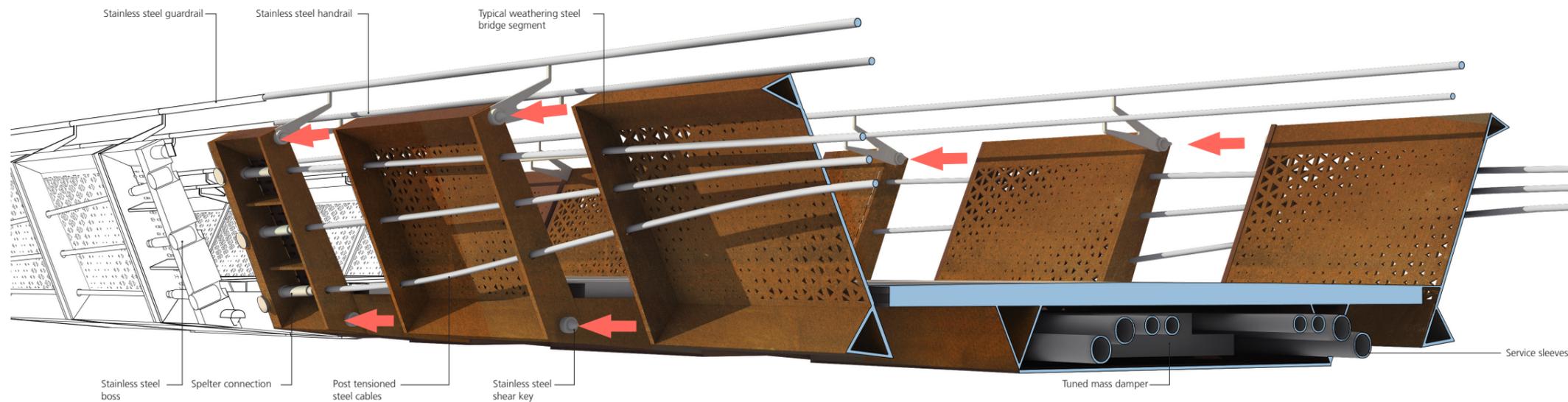
The landscape is designed for easy use by all, with gentle level changes between the banks, working sympathetically with the new riverbank design. One stone surface sweeps onto and off the bridge embedding it in the local landscape. On and off the bridge, the bays of narrow paving units reflect the divisions of the bridge segments. The north bank, linked to new development, is a place in the sun, ideally located for lunchtime and afternoons. On the south bank the historic arches are retained and opened up at ground level to allow public access. Surrounded with new planting the arches mark the point where the green edge of the river gives way to the warehouses and mill buildings to the east.

**RESPONSIVE LIGHTING**

At night a discreet glow emerges, visible through the perforated structure. Low energy LEDs in the handrails provide even illumination with no glare. The light coloured paving reflects sufficient light to recognise faces at night. Motion sensors in the handrail boost light levels when people cross. Lights brighten locally around users, a pool of light following them across the bridge. With more users the patterns merge and overlap as people pass each other. The lighting installation is a fully maintained system that can be leased from a supplier ensuring lifetime performance for a planned and predictable cost.

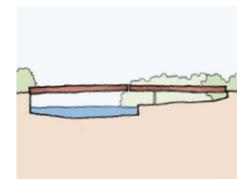


RESPONSIVE AND SITE SENSITIVE LIGHTING



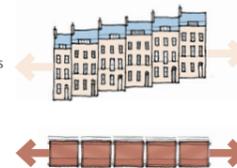
**AN ELEGANT SPAN**

A single elegant line in distant views along the river  
 A simple silhouette at the heart of the World Heritage Site  
 A slight camber in elevation subtly ensures a sturdy stable appearance  
 Moving closer reveals the rich colour and texture of weathering steel, complementing the north bank's new flower meadow planting and the Bath stone and brick mix to the south  
 A beautiful object that belongs to the place



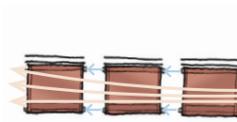
**GREATER THAN THE SUM OF ITS PARTS**

Inspired by the dignity and elegance of Georgian Bath, achieved through repetition of similar units, in strong geometric compositions. Character enhanced by subtle variation and changes of emphasis within those units. Repeated segments are made in one jig, easily transported and assembled to create the bridge structure. The bridge is a span in two parts, one propped reflecting the asymmetry of the river banks, one simply supported.



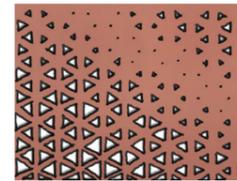
**EXPRESSIVE ENGINEERING**

A contemporary reflection of the site's industrial heritage. A closer view reveals bright stainless steel cables doing two jobs: pulling the segments together to form rigid post-tensioned beams. Resisting, and showing, the bending forces at work in the structure. The cable patterns express the differences between the cantilevered beam from north bank and the simple span to the south supported by the cantilever. At the centre, where the two halves connect, the cable ends can be seen, distributing their loads back into the end segments.



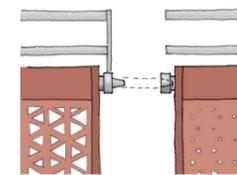
**CRAFTED DETAILS**

Additional richness through crafted detail at a human scale. Joy and delight in seeing how it is made and how it works, fascinating to all ages. Perforated panels lighten the structure, creating patterns of light and shade on the deck. Intimate connections to the water, at the centre of Bath's identity. Glimpses of water through the perforations and gaps between the segments.



**NO BOLTS!**

Delight in detail is taken through to the smallest scale, visible to bridge users. Individual segments don't touch, stainless steel shear connectors align the sections. The segments are held together only by tension in the cables. Stainless steel connectors and cables are visible in gaps between the segments. Water jet cut perforations in the steel sheets follow shear forces in the bridge beams. The holes reduce in size and number as loads increase towards the supports, again demonstrating how the bridge works. No need for paint and water run-off from weathering steel is harmless to wildlife. Inspection, of bearings and cables, is only regular maintenance: an affordable low maintenance structure with lasting appeal.



**CONSTRUCTION SEQUENCE**

