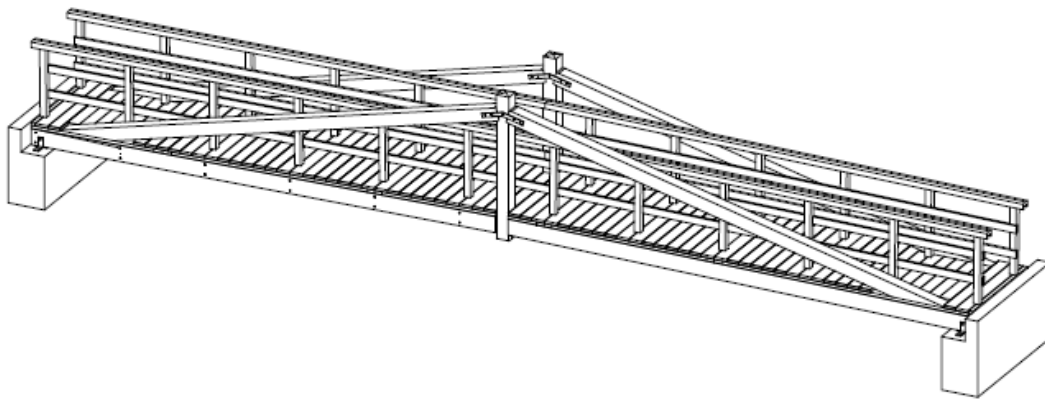


BRIDGES ♦ BOARDWALKS ♦ JETTIES



Total support from concept to installation
 Designs and options to blend in with the environment
 Constructed with natural hardwood



TYPE 6 SOLID HARDWOOD BEAM KING POST BRIDGE

With its triangular construction and centrally positioned king post, main beams are effectively half the length of single span beams, making the design a suitable option for bridges in locations where restricted access may inhibit material handling and on-site fixing.

- An elegant, aesthetically pleasing design
- All timber solution for solid beam designs up to 20 m spans
- Walkway width up to 1.2 m depending upon span
- King post design delivers a rigid construction with minimal vibration
- Parapets are contained within the triangular frame

OPTIONS INCLUDE

- Choice of parapets
- Decking in a plain finish or with a machine grooved surface to provide slip resistance
- Decking Anti-Slip resin bonded aggregate GL Inserts or GL Coating to enhance slip resistance
- Design can incorporate other architectural materials to influence the aesthetic appearance

THE BENEFITS OF HARDWOOD

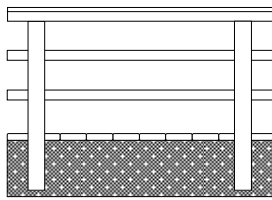
- No preservative treatment required
- Minimal maintenance
- Excellent vandal resistance & fire retardant characteristics

Parapets

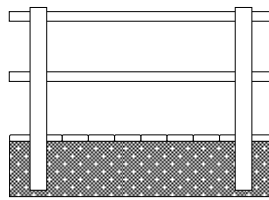
STYLES & OPTIONS

The parapet plays an important part in the aesthetic value of the bridge. Depending on the situation and purpose, a choice is made for either horizontal or vertical parapets. SHS offers a range of standard hardwood parapets and also welcomes the opportunity to quote for the design and supply of bespoke parapets in both hardwood and metal.

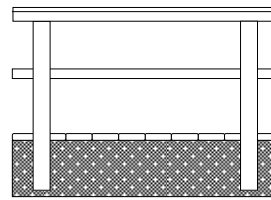
SHS STANDARD HARDWOOD PARAPETS



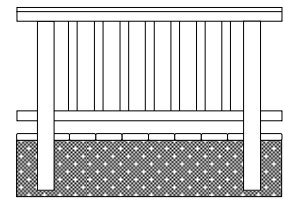
Type A parapet
Handrail + 2 intermediate rails



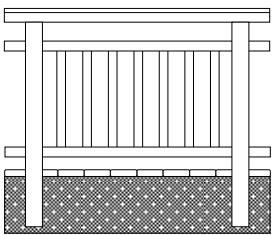
Type B parapet
2 x intermediate rails



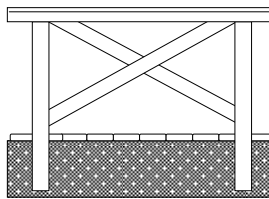
Type C parapet
Handrail + 1 intermediate rail



Type E parapet
Handrail + vertical infill rails



Type EE parapet
Elevated handrail + vertical
infill rails



Type G parapet
Handrail + cross rails

TYPICAL HARDWOOD SECTION SIZES

- Posts 95 x 95 mm
- Hand rail 95 x 145 mm
- Intermediate rails 40 x 115 mm
- Vertical infill rails 40 x 40 mm

TYPICAL PARAPET HEIGHTS

- Pedestrian 1.15 m
- Cycleway 1.40 m
- Equestrian 1.80 m

Anti-slip decking

ANTI-SLIP OPTIONS

Walking surfaces are usually formed from timber decking, which has a grooved slip resistant finish. This resistance can be enhanced by introducing either our factory fitted anti-slip GL Insert or our factory applied anti-slip GL Coating, to the deck surface.

Anti-slip GL options are constructed from particles of aggregates embedded within a modified resin compound. When the compound is cured the resultant finish is a very hard wearing surface with high slip resistant characteristics, suitable for timber decks used in a multitude of locations.

Whichever option you choose, be it the GL Inserts or the GL Coating the resultant finish is an effective, hard wearing surface that compliments the aesthetic appearance of the timber and is the ideal solution for anti-slip safety on an SHS bridge, boardwalk or jetty.

TYPICAL DECK FIXING

40 mm thick decking

- 8 mm Ø x 90 mm long screws
- 8 mm Ø x 90 mm long dowels

28 mm thick decking

- 5 mm Ø x 60 mm long screws

