

4 – The new bridge

The new bridge would still follow the same route across the river.

However, the proposed modifications would permit more flexibility in the design allowing specialist contractors who will build the bridge the opportunity to improve the construction process and maximise value for money.

The areas that may be modified are:

- 1) the form and construction of the bridge deck,
- 2) the spacing and form of the bridge supports and the geometry of the cables that support sections of the bridge deck, and
- 3) the selection of materials used to construct the bridge, specifically the use of steel and concrete for the towers and bridge decks.

The council is still committed to accommodating a river crossing for light rail should a route be promoted in the future. By modifying our planning permissions, it would mean that any future light rail services that might be developed could be carried across the Silver Jubilee Bridge (SJB) instead of the new bridge.

Results from our research into this option show that it would be a feasible alternative. Using SJB for public transport, including possible future light rail services, would also be more compatible with the council's sustainable transport and regeneration plans.



Approved reference design



A possible alternative design