

# Cable-Stay

The characteristic feature of a cable stay design is that of cables running directly from the tower to the deck of the bridge. This typically forms parallel lines to the deck, but radial patterns are also used.

The design is best for spans too long for a cantilever and shorter than suspension limits.

The towers are under great compression and the cables under tension only. Some advantage are the lack of a need for shoreline anchors, less material and cost than a suspension bridge, and ease of construction.

