purposes. Their chief object is, as stated in the general description, to serve as platforms for men to stand on, who regulate the wires. They also are of value as intermediate supports of the traveling ropes and as a check for the lateral displacement of the wires by wind. Finally they serve as support to a few men, whose duty it is to throw the running wire on the other side of the strand.

There are altogether five double cradles, three in the river span and one in each land span. Owing to the fact, that the cables in the land span do not hang parallel to the axis of the bridge, but spread from anchorage towards tower, the single cradles have different lengths, those in the main span being 7 feet longer than the land cradles. On the opposite page one of the land cradles is illustrated in ground-plan, front and side elevation.

They are built throughout of oak and strengthened by light trussrods. The larger part of the platform consists of