and a wire, while traveling across. The
guide wires, or the strands in the high
position, are only indicated in the ground
plan in order not to confuse the draw-
ing. In the elevation they would hang
parallel to and a little above the cradle
ropes.

The general description given above,
shows us that for making a wire cable
the following permanent and auxiliary
structures, appliances and materials are
necessary:

I. Anchorages for attachment and tow-
ers for support of the cables.

II. Auxiliary structures and appliances:

1. Means and machinery for taking
wires over. Traveling rope, etc.

2. Certain places along the line of the
cable, from where the wires can
be adjusted. Cradles, etc.

3. Means of access to these cradles.
   Footbridge.

4. A preliminary, carefully adjusted
wire to regulate the others by,—
guidewire.