

The invention relates to a **concrete** cast-in-place hollow **core** slab, comprising a **reinforced concrete** (1) and a **light** matrix (2) that is enwrapped in the **reinforced concrete** (1). The invention is characterized in that the invention further comprises a via pipe (14) that is arranged in the closed **cavity** of the **light** matrix (2); the **light** matrix (2) is provided with at least one hole (6) for **concrete** in situ pouring with the via pipe (14) as via, which goes through the upper and the lower shell surface of the **light** matrix (2); the structural opening of the upper shell (11) or the lower shell (13) at the via pipe (14) is provided with a **reinforced** ring-loop (30) that protrudes outside the shell and a pier part (8) is arranged in the hole (6) for **concrete** in situ pouring. The invention is applicable to various hollow **core** slabs, hollow floors, roofs, foundation slabs, walls and fastening bridges of cast-in-place or prestressed **reinforced concrete**, and especially applicable to hollow girderless floors.