

## ABSTRACT

The present invention provides a pile head treatment method that enables suitable demolition and removal of extra concrete of a pile head with high operation efficiency. A reinforcing bar cage 25 including a combined duct 31 spirally provided in the vicinity of a main reinforcing bar 7 is built in a hole 2, and then concrete is placed, whereby a cast-in-place pile 1 is constructed. A boundary surface 5 of extra concrete 3 of the pile head exposed on the ground and structural concrete 27 situated below the extra concrete 3 is bored along a horizontal direction from a side surface toward the inside to form charging holes 9, and a non-explosive demolition agent 15 is charged into the charging holes 9. Further, a linear explosive as a demolition agent 36 is charged into the combined duct 31 of the extra concrete 3, and a linear explosive as a demolition agent 38 is charged into charging holes 37 bored within the main reinforcing bar 7. A sheet 40 and a wire 41 are wound around the extra concrete 3, and thereafter the non-explosive demolition agent 15 and the demolition agents 36 and 38 are sequentially blasted to vertically divide the extra concrete 3 and the structural concrete 27 at the boundary surface 5, followed by demolition of the divided extra concrete 3.