

fully or in large measure, and then there is no need to provide for negative-friction forces.

On p. 185 an examination is made of the action of negative-friction forces on a group of floating piles 12 m long, in conjunction with a surcharge of the soil surface around the piles with a useful loading (stockpile of loose soil) of 120 kN/m^2 . With this loading the settlement of the pile group amounted to 50 mm according to observation data. Such a case is possible, but one should worry not so much about the effect of negative-friction forces as about the effect of horizontal forces on the piles, which can be damaged thereby. Therefore, in similar circumstances, construction of warehouses should be preceded by an engineering preparation of the foundation (loading of weak soils before commencing construction, installing the field of piles for the warehouse loading, etc.). If such preparation is made, then the question of allowing for negative-friction forces on pile groups under columns will become superfluous.

The book includes types of piles (p. 7) which do not find application in weak soils (cruciform, three-bladed, triangular, pyramidal, piles/columns, et al.).

In Chap. I the authors present formulas for determining bearing capacities of piles sunk into leading holes. And yet, pile sinking in weak soils does not require the latter.

Likewise, Paragraph 3 of Chap. VI dealing with determination of the bearing capacity of short pyramidal piles is superfluous, as such piles are hardly applicable in weak soils.

ERRATA

In the article by E. V. Makarov, "Investigation of settlement of base under wall foundation of the Nizhni Novgorod kremlin" (Osnovaniya, Fundamentyi i Mekhanika Gruntov, No. 5, 1976), the list of literature cited should be supplemented by a reference omitted by the author, namely: 7. I. A. Kir'yanov, Report on Archaeological Explorations Aimed at Investigating Foundations and Bases of the Kremlin Walls and Towers [in Russian], Gor'kii (1950). Concurrently, reference [6] on p. 357, 29th line from the top, should be replaced with [7].