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Keynote Lecture

Recent Development of Jacked Piling in Hong Kong

ABSTRACT

The keynote lecture describes the development of jacked piling in Hong Kong. The experiences gained and lessons learnt from installing high-capacity H-jacked piles in Hong Kong are perhaps very unique because jacked H-piles are not common outside Hong Kong and that jacked piles are seldom installed to such a higher capacity. In this paper, problems encountered for installing jacked H-piles such as pile buckling, pile relaxation and pile bending are described. Techniques for solving these problems and for reducing the creep settlement of jacked piles will also be discussed.

THE SPEAKER

Victor Li obtained in PhD from The University of New South Wales in the field of geotechnical reliability. He is a past chairman of the Hong Kong Institution of Engineers Geotechnical Division and currently the principal of specialist consulting firm in Hong Kong, Director of the Centre for Research & Professional Development, Adjunct Professor of the Department of Civil Engineering of The University of Hong Kong and also Chairman of the Geotechnical Engineer Registration Committee. Victor has over 200 publications in various fields of civil engineering. He has given numerous technical talks in Hong Kong and has actively participated in various professional committees including the Technical Committee on Code of Practice for Foundations in Hong Kong.