

10th ANNIVERSARY
SINCE 1997

Bridging Research and Practice

- the VLA Experience

**Edited by
Victor Li**



李啟信工程顧問有限公司
Victor Li & Associates Ltd.
Consulting Engineers

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To Derek, Jeffrey and Jason

PREFACE

This book is published to celebrate the 10th anniversary of Victor Li & Associates Ltd. (VLA). I am fortunate to have the opportunities to be involved in a number of interesting consultancy projects since the establishment of VLA. Such projects enabled me to conduct research in my consultancy work to understand more about the real behaviour of geotechnical structures in Hong Kong.

Very expensive field tests, such as loading tests, are conducted routinely in Hong Kong in foundation projects. The additional expenses for installing equipments to obtain monitoring results for research purpose are usually a small fraction of the routine field tests. My experience is that contractors and developers are usually willing to provide opportunities for research in their projects if university researchers can respond quickly not to delay their normal work and consultants do not have the hostile altitude to use the research result to condemn the works completed by them.

The theme of this book is Bridging Research and Practice. Many results reported in the papers of this book were obtained from some very expensive field tests. These papers could not be written without the generous support offered by contractors. The book clearly demonstrates that contractors and developers are eager to help in bridging research and practice and I am most grateful for their continued support over the years.

Finally, I will take this opportunity to thank my staff for their hard work. I would also like to thank Dr. Robert Lo, who is a constant and reliable source of inspiration in my consultancy works.

Victor Li, 2007

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Li, K.S., Lo, S-C.R. and Lam, J. (2000). "Design of deep foundations in Hong Kong – time for change?", *Proc. HKIE Geotechnical Division Annual Seminar – Foundations*, May, 77-86.

Ho, N. C.L., Li, K.S. and Lam, J. (2003). "Design and construction of diaphragm wall in a difficult urban site", *Proc. HKIE Geotechnical Division Annual Seminar – Case Histories of Geotechnical Engineering in Hong Kong*, 131-141.

Lam, J. and Li, K.S. (2003). "Influence of construction method on shaft friction of bored pile – a case study", *Proc. HKIE Geotechnical Division Annual Seminar – Case Histories of Geotechnical Engineering in Hong Kong*, 143-152.

Li, K.S., Chan, S.T. and Lam, J. (2003). "An alternative pile driving formula – a preliminary study", *Proc. HKIE Geotechnical Division Annual Seminar – Case Histories of Geotechnical Engineering in Hong Kong*, 179-189.

Li, K.S., Lam, J, Ho, N.C.L. and Lee, P.K.K (2003). "A case study of jack piling in Hong Kong", *Proc. HKIE Geotechnical Division Annual Seminar – Case Histories of Geotechnical Engineering in Hong Kong*, 191-202.

TABLE OF CONTENTS

Driven Piles Founded on Rock Victor Li and J. Lam	1
Design of Deep Foundations in Hong Kong – Time for Change? Victor Li, J. Lam and S-C.R. Lo	21
Design and Construction of Diaphragm Wall in A Difficult Urban Site Nick C. L. Ho, Victor Li and J. Lam	39
Influence of Construction Method on Shaft Friction of Bored Pile – A Case Study J. Lam and Victor Li	57
An Alternative Pile Driving Formula – A Preliminary Study Victor Li, S. T. Chan and J. Lam	73
A Case Study of Jacked Piling in Hong Kong Victor Li, J. Lam, Nick C. L. Ho and P. K. K. Lee	87
An Approach for Determining the Design Groundwater Level of Slopes for a Given Return Period Victor Li & T.P. Wong	109
Analysis of Geotechnical Data Victor Li	121
A Critical Review of the Current Practice for Design of Rock Socketed H-Piles in Hong Kong Victor Li	157
A Critical Review of Current Practice of Formulating the Final Set Table for Driven Piles in Hong Kong Victor Li	179
Use of Plate Load Test for Design of Shallow Foundations – A Suggested Alternative Practice Victor Li	191
Defects of Bored Piles in Hong Kong Joley Lam and Victor Li	201
New Criteria for Formulating Final Set Table for High-Capacity Steel H-Piles Victor Li and J. Lam	213
List of Publications of Victor Li & Associates Ltd	