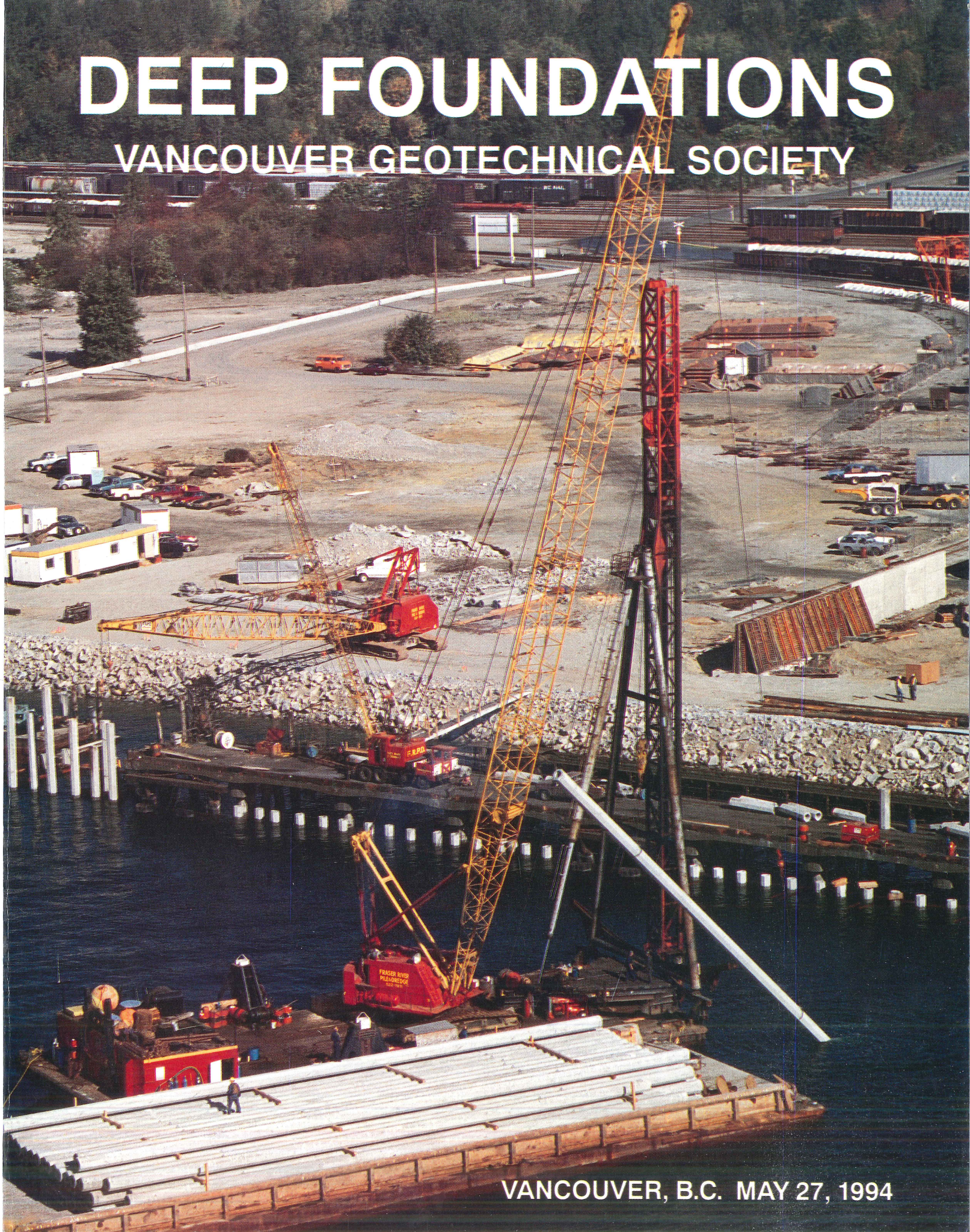


DEEP FOUNDATIONS

VANCOUVER GEOTECHNICAL SOCIETY



VANCOUVER, B.C. MAY 27, 1994



VANCOUVER GEOTECHNICAL SOCIETY

DEEP FOUNDATIONS

8th Annual Symposium

May 27, 1994

Vancouver Renaissance Hotel

Vancouver, British Columbia

The Canadian Geotechnical Society \ La Societe Canadienne de Geotechnique

The Vancouver Geotechnical Society would like to thank the following:

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Beck Drilling and Environmental Services Inc.
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8TH ANNUAL VANCOUVER GEOTECHNICAL SOCIETY SYMPOSIUM
DEEP FOUNDATIONS
VANCOUVER, MAY 27, 1994

PROGRAMME

- 08:00 - 08:30 *Registration*
- 08:30 - 09:30 *Opening Remarks*
- Alex Sy, Symposium Chairman
Klohn-Crippen Consultants Ltd.
- Keynote Address No. 1*
- Design, Installation and Testing of Nearshore Piles**
Frank Rausche
GRL and Associates, Inc., Cleveland, Ohio
- 09:30 - 10:10 *Session No.1*
- Foundations of the Sky Bridge and No. 2 Road Bridge
Crossings of the Fraser River, Vancouver, B.C.**
D. Smith
- Installation of High Capacity Concrete Piles at
Ballantyne Pier, Vancouver, B.C.**
U. Atukorala, D. Zavoral, S. Hunt, N. McCammon and
N. Wedge
- 10:10 - 10:30 *Coffee Break*
- 10:30 - 12:00 *Session No.2*
- Lateral Loading Using Pressuremeter Data**
J.M.O. Hughes
- Design of Pile Foundations in Liquefiable Ground:
A Case Study in Fraser Delta, British Columbia**
D. Siu and A. Sy
- Review of Design Methods for Seismic Lateral Resistance
of Piles in Sensitive Fine-Grained Soils**
J.A. Howie and W.B. Gohl

PROGRAMME (continued)

Behaviour of Timber Piles Subject to Large Lateral Displacement: Laboratory and Field Tests
M.K. Lee, P.M. Byrne and J.Y. Wong

12:00 - 13:30 *Lunch and Displays*

13:30 - 14:30 *Keynote Address No. 2*

Piling Specifications and Dispute Avoidance
Bengt H. Fellenius
University of Ottawa and Anna Geodynamics Inc.

14:30 - 15:10 *Session No. 3*

Dynamic Methods in Design and Inspection for the Rio Manati Bridge
R. Miner and P. Jimenez

Dynamic Monitoring of Some Unusual Piles
D. Gillespie

15:10 - 15:30 *Coffee Break and Displays*

15:30 - 17:00 *Session No. 4*

A Comparison of Dynamic and Static Load Tests on Steel Pipe Piles in the Fraser Delta
M. Janes, A. Sy and R.G. Campanella

Case Histories of Pile Relaxation in Vancouver
D.J. Inglis and E. Naesgaard

Recent Developments in the Static and Dynamic Analysis of Pile Group
W.D. Liam Finn, G. Wu and R.H. Ledbetter

Closing Remarks