

Curriculum Vitae

Alexander Chew Choon Aik **Senior Traffic Engineer**

Year of birth : 1977
Nationality : Malaysian

Education

Bachelor of Engineering – Civil (2nd Class Upper Honors),
Queensland University of Technology, 1997 - 2000

International Foundation Programs
Queensland University of Technology, 1996 - 1997

Language And Degree Of Proficiency

	<u>Spoken</u>	<u>Written</u>
English	Good	Good
Bahasa Malaysia	Good	Good

Undergraduate Thesis Programme

QUT - Quantifying The Full Community Impacts Of Major Transportation Projects (case study: South East Busway – Brisbane).

Academic Awards/Achievements

- Golden Key National Honour Society and (1998)
- International Foundation Programs; Certificate of Merit – Physics, Certificate of Achievement - Chemistry

Memberships

- 1998 to present - Golden Key National Honour Society
- 1997 to present - The Institution of Engineers, Australia
- 2003 to present - Road Engineering Association of Malaysia (REAM)

Computer Proficiency

Word, Data and Graphics Software

- ◆ MS Word
- ◆ MS Excel
- ◆ MS PowerPoint
- ◆ CorelDraw
- ◆ AutoCAD
- ◆ TRACKS (Transport Modeling)
- ◆ SIDRA (Traffic Junction Analysis)
- ◆ SWEEP (Vehicle Swept Path Analysis)

Traffic Engineering Software

- ◆ TRACKS (Transport Modeling)
- ◆ SIDRA (Traffic Junction Analysis)
- ◆ SWEEP (Vehicle Swept Path Analysis)

Employment Record And Experience

July 2001 To Date

Traffic Engineer

Perunding Trafik Klasik Sdn Bhd, Malaysia
(Transportation Planning And Traffic Management Consultants)

Projects Undertaken

- 1) Public Transport Study for Johor Bahru
 - Client: Unit Perancang Ekonomi Negeri (UPEN), Johor
- 2) Penang Monorail Study
 - Client: Syarikat Prasarana Negara Berhad (SPNB)
- 3) Transport Study on the Proposed LRT Extension and New Line, Klang Valley
 - Client: Syarikat Prasarana Negara Berhad (SPNB)
- 4) Study on an Integrated Bus Routing System in the Klang Valley
 - Client: Ministry of Finance Malaysia
- 5) Putrajaya Monorail Study
 - Client: Monorail Malaysia Technology
- 6) Sunway Monorail Study
 - Client: Bandar Sunway Sdn. Bhd.
- 7) Traffic Study for the Proposed Penang Sentral Station
 - Client: MRCB Bhd.
- 8) Transport Modeling Study for the Development of Bukit Bintang Area.
 - Client: Malton Land Sdn. Bhd
- 9) Traffic Study for the Proposed KTM Serendah – Seremban Bypass
 - Client: Minconsult Sdn. Bhd.
- 10) Traffic Study for the Proposed Development of Dataran Perdana, Kuala Lumpur
 - Client: Pelaburan Hartanah Bumiputera Berhad
- 11) Traffic Study for the Proposed Development of Node 1, Nusajaya
 - Client: Iskandar Malaysia
- 12) Traffic Study for the Proposed KTM Serendah – Seremban Bypass
 - Client: Minconsult Sdn. Bhd.
- 13) Traffic Study for the Proposed Development of Dataran Perdana
 - a. Client: Pelaburan Hartanah Bumiputera Berhad
- 14) Privatisation of the KL –Putrajaya Highway from KL to KLIA
 - Client: Konsortium Lapangan Terjaya
- 15) Traffic and Revenue Update Study for Lebuhraya Shah Alam (KESAS)
 - Client: KESAS Sdn Bhd
- 16) Privatisation of Duta-Ulu Kelang Expressway Traffic Study
 - Client : Konsortium Lebuhraya Utara-Timur (KL) Sdn Bhd (KESTURI)

April 2001 – July 2001

Civil & Structural Engineer

Megametal Formwork Engineering Sdn. Bhd.

Managing the operation of formwork placement and general construction work.

December 1998 To January 1999

Management Trainee (Practical Training)

Boulderstone Hornibrook Pty. Ltd. (Brisbane)

Assisted the site engineers with daily duties such as recording data for each concrete pour and developing a spreadsheet to correlate the suitable ambient temperature for concrete pours.

December 1999 To February 2000

Trainee Engineer (Industrial Training)

Jabatan Kerja Raya, Sabah

Assisted in the departments below: -

- Design and Investigation Department
- Materials Laboratory
- Road Department
- Road Maintenance