

Project Title : PROPOSED C822 CCL – UNDERPASS DEPRESSED ROAD AT UPPER PAYAR LEBAR (TENSION PILE LOAD TEST)

Owner : Land Transport Authority

Engineer : Land Transport Authority

Client : Lim Shing Piling Pte Ltd (Main Contractor : Econ-NCC JV)

Contract Sum : S\$ 18,000.00

Period : Dec 2005

Scope of Works : Design Tension Test Pile System

Ultimate Tension Pile Length : 28.7m
 Reaction Pile Lengths : 27m

Test Load : 6,125 kN

Sub soil condition :
 0 to 2/4m Fill
 2/4 to 12m Soft Peaty Clay
 12 to 18m Sandy Silt / Sand (SPT app 13)
 18 to 22m Hard Silty Sand (SPT app 65)
 > 22m Hard Silty Sand (SPT > 100)

Major equipment deployed :

- 1000 ton Test Beams
- Load Cell & Jack

