



泰昇地基
TYSAN FOUNDATION

Stonecutters Bridge Bored Piling Works

Project : Stonecutters Bridge
Contract No HY/2002/26

Client : Maeda-Hitachi-Yokogawa-Hsin Chong
Joint Venture (Main Contractor)

Engineer : Ove Arup & Partners Hong Kong Limited

Construction Period : July 2004 to December 2005

Location : Stonecutters Island and Tsing Yi Kowloon

昂船洲大橋 鑽孔樁工程

工 程 : 昂船洲大橋合約號碼
HY/2002/26

客 戶 : 前田・日立・橫河・新昌聯營
(總承建商)

工 程 師 : 奧雅納工程顧問香港有限公司

施 工 期 : 2004年7月至2005年12月

位 置 : 九龍昂船洲及青衣



昂船洲大橋 鑽孔樁工程

這項工程為路政署九號幹線其中一段連接昂船洲至青衣之昂船洲大橋，泰昇負責為大橋分別位於昂船洲及青衣的東西兩岸橋墩建造18支2米直徑、34支2.5米直徑及56支2.8米直徑，深度由50米至超逾100米之鑽孔樁(由於西岸塔樓座落於斷層上，部份之樁柱需要深度超過100米以上)。這項工程同時亦包括建造42支直徑2米之鑽孔樁，以支撐建造橋面結構時所需的臨時通架。

Stonecutters Bridge Bored Piling Works

The project formed part of Highways Department Route 9 and this section comprised the stonecutters bridge linking Stonecutters Island and Tsing Yi. Tysan's scope was to construct bored pile foundation for the bridge East and West Towers and approach piers consisting of 18 Nos. 2.0m dia., 34 Nos. 2.5m dia. and 56 Nos. 2.8m dia. bored piles ranging in depth from 50m to over 100m (due to presence of fault zone at West Tower, a few piles needed to be founded over 100m below existing ground level). Also included was 42 Nos. 2.0m dia. bored piles as support to the falseworks for the bridge decks.