



# HONG KONG TUEN MUN AREA 56 / P.R. OF CHINA

## VEHICULAR UNDERPASS

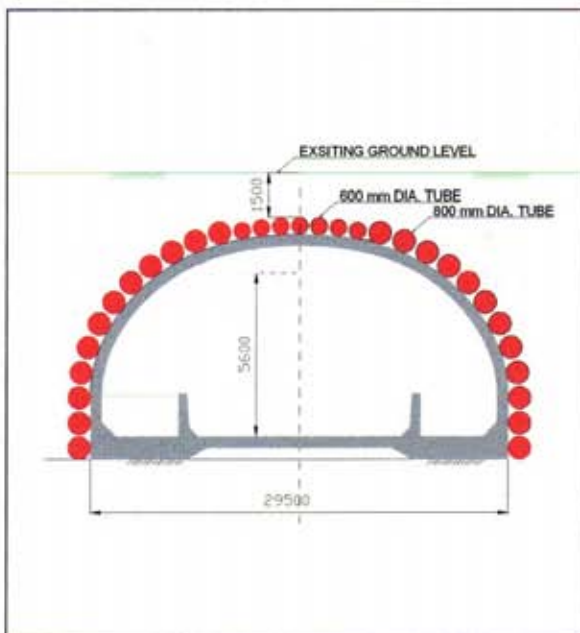
**OWNER: MUNICIPALITY OF HONG KONG**



**LOCATION**



**PLAN OF HONG KONG**



**CROSS SECTION**

### PROJECT DESCRIPTION

CONSTRUCTION OF A VEHICULAR UNDERPASS TO SERVE THE HOUSING AREA IN THE AREA 56 TUEN MUN USING INTERLOCKED PIPE-JACKED STEEL CASINGS AS EXCAVATION SUPPORT METHOD. THE UNDERPASS IS LOCATED 25M TO THE WEST OF THE EXISTING UNDERPASS AT SO KWUN WAR ROAD. THE NEW UNDERPASS IS HAS 2-LANES TO MEET THE WIDENING REQUIREMENTS OF THE EXISTING SO KWUN WAR ROAD WHICH WILL BE EXTENDED TO FOUR LANES (TWO IN THE EXISTING UNDERPASS AND TWO IN THE NEW UNDERPASS).

### SERVICES PROVIDED

CONCEPTUAL DESIGN OF UNDERGROUND STRUCTURE USING PIPE-GACHED PROTECTIVE ROOF. DEFINITION OF EXCAVATION SEQUENCES AND MEASURES OF PRIMARY SUPPORT.

PERIOD OF WORK: 2000 - 2001



**PIPE JACKING CLOSE TO SURFACE**



**EXCAVATION NEARLY COMPLETED**