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General

Seminar on Representative Mega Building Projects incorporated with Large-Scale Site Formation and Complicated Ground Work Elements

Date, time & venue

2012-02-25; 9:30 pm to 12:00 pm; HKIE Headquarter 9/F

Programme highlights:

In order to utilize the very limit land space under local hilly environment, many building projects in Hong Kong require to incorporate a significant amount of site formation and ground work elements in the construction process in particularly for those with very large site area and complicated layout. In the past years, the speaker studied a few of these representative projects include The Festival Walk, Belcher's (寶翠園) and the Celestial Heights (半山壹號).

The construction and engineering features of these projects usually involved a site area of more than 15,000m², with a slope cutting volume close to a million m³ and a working height difference of 50m to 60m between the cuttings. Some even with basement structure merging into the slope and constructed in complicated sections and phases.

The following record photos try to highlight some of the significant features of these projects, the complication of which is often un-noticed even by many of the local practitioners. The proposed seminar aims to summarize and share some of this experience from an engineering and construction perspective in handling this kind of special projects

Speakers:

Raymond Wong, MHKIE, MCIQB
Lecturer, Division of Building Science and Technology,
City University of Hong Kong

Brief CV of Speaker:

Raymond Wong is currently serving as a lecturer at the City University of Hong Kong. Mr Wong is a member of the Hong Kong Institution of Engineers and the Chartered Institute of Building. He got his first professional qualification as a Chartered Builder in 1982.

Since he joined City University in 1992, Mr Wong has undertaken a series of intensive studies of some of the Hong Kong's world-renowned construction projects. These include some major infrastructure projects such as the new airport and the associated projects, major railway and highway projects, as well as many mega-size building projects with special architectural or structural significance.

In the recent 10 years, Mr Wong has extended his study towards the urban development of some major cities of China, in particular Guangzhou and Shanghai, with a focus on the urban planning, infrastructure development and revitalization projects in these cities.

Mr Wong is an active researcher in the areas of large-scale construction projects, tall building construction, heavy structures, industrialised construction systems, bridges and long-span structures, transportation projects and other areas related to urban studies.

Registration

Registration is NOT required. It is on a first come first serve basis. For enquiry, please contact Ir Dr Michael Yam at (T) 2766 4380 for details.