Cham Wee Meng

BEng(Hons), MSC, DIC, PEng

Cham Wee Meng graduated in 2000 with a Bachelor in Civil and Structural Engineering from Nanyang Technological University of Singapore where he obtained first class honours and NTU Alumni Prize. In 2005, he was awarded Postgraduate Scholarship by Land Transport Authority to study MSc in Soil Mechanics at Imperial College, London, where he obtained Distinction and DIC.

Wee Meng is a registered Professional Engineer with PEB in Singapore. In his 10 years of experience, he was involved in design, construction and project management for several major infrastructure projects such as rail viaducts, road bridges, deep foundations, ground investigation, deep excavation, mined and bored tunnels.

His major projects included designing deep foundations and viaducts for Taiwan High Speed Rail Project in C280 and C230. In addition, he was actively involved in carrying out independent design to check the mined tunnel for the same project. He was also responsible for the planning and final design of Boon Lay Extension which, consists of 2 above ground stations and 3.8km of viaduct structure.

Wee Meng has been with LTA since November 2001. In recognition of his contributions and potential, he was awarded the LTA Overseas Postgraduate Scholarship in April 05 to pursue MSc(Geotech) at Imperial College, UK. As part of the MSc programme, he completed his thesis “Response of Piles to Tunneling”, under the supervision of Dr. Jamie R. Standing. In 2008, he presented the study in a seminal organized by GEOSS and International Conference on Deep Excavation (ICDE). In the same year, he was awarded first prize for Hulme Competition on his works.

Currently, Wee Meng is involved in Downtown Line Stage 3 which is a fully underground Mass Rapid Transit (MRT) System which consists of a total of 16 stations and a total route length of about 23 km. As a team leader, he is responsible for Advanced Engineering studies, detailed design and ensuring project deliverables covering site investigation, notional temporary works, construction methodology, damaged assessment, project safety review and technical specification.