



Bukit Bintang MRT Station, Kuala Lumpur by Ir. Jack Pan

Ir. Jack Pan is currently a committee member of IEM Geotechnical Engineering Technical Division (GETD).

A technical visit to Bukit Bintang MRT Station was organized by the Geotechnical Engineering Technical Division (GETD) on 14 March 2015. A group of 16 participants attended the site visit.

The participants departed from IEM Building by coach and were greeted warmly on site by representatives of the main sub-contractor, Bachy Soletanche - BSG Construction (M) Sdn Bhd. The participants were given a detailed briefing of the project and current progress of the works by their key personnel, namely Mr Choo from MMC-Gamuda KVMRT (T) Sdn Bhd and Mr Khalil Ibrahim, Engr. Loh Wooi Chuan, and Mr James Aung from Bachy Soletanche. Also giving the briefing was Mr Frankie Cheah from AECOM.

The Klang Valley Mass Rapid Transit Project involves the construction of a railway network which will form the backbone of the Klang Valley's public transport system. The project is a crucial component of the Greater Kuala Lumpur/Klang Valley National Key Economic Area (Greater KL/KV NKEA) and will be the largest infrastructure project in the country. The Bukit Bintang MRT station, located in the middle of KL city, involves a 33m deep excavation with top down excavation and diaphragm wall.

After the briefing, the participants were given a guided tour. Excavation had almost been completed. The participants were also able to see the completed tunnel section.

In brief, the main challenges were the traffic diversion in the middle of the city and a congested construction site.



