

TECHNICAL VISIT TO KVMRT LINE 2 – V207 MINED TUNNEL SITE
Organised by : Tunnelling & Underground Space Technical Division, IEM
BEM Approved CPD/PDP Hours: 3 Ref No: IEM18/HQ/305/V

Date : 11th August 2018 (Saturday)
Time : 8.00am – 11.45am
Venue : KVMRT Line 2 – V207 Mined Tunnel
Transport : Coach will be provided. (Coach will depart at 8.30am sharp)

Commitment Fees
(Non refundable & non transferable)
IEM Member : RM 50.00
Non Member : RM 80.00

SYNOPSIS

The MRT Sungai Buloh-Serdang-Putrajaya (SSP) Line is the second of the three planned Klang Valley Mass Rapid Transit (KVMRT) lines to be constructed at the Greater Kuala Lumpur. The approved alignment is 52.2km in length, of which 13.5km is underground primarily within the downtown Kuala Lumpur. A total of 37 stations, 11 of them will be constructed underground. The proposed first section of the southern elevated alignment of KVMRT Line 2 - Southern Kuchai Lama Serdang Alignment (SKSA) interfaces with the underground alignment near the Taman Desa Water Theme Park at Kuchai Lama and ends at the UPM after crossing the MEX Highway where it is connected to the Serdang to Putrajaya Alignment (SEPA).

At one part of SKSA which is going over hilly areas, a 12.1m wide, 10.1m high and 182m long tunnel system is proposed to accommodate the twin-track railway line crossing thru the mountainous terrain comprising Kenny Hill Formation materials of interbedded weak rocks and residual soils. The tunnel will be constructed using New Austrian Tunnelling Method (NATM) with permanent cast in-situ concrete lining. Forepole and friction bolts are selected to support the arch of the top heading around the tunnel crown as well as tunnel walls; this is coupled with steel ribs plus SFR shotcrete as temporary supports for primary lining during the mined tunnelling works.

This technical visit is aimed to highlight the various aspects and features of the mined tunnelling works on site. It is expected that the mined tunnel has already launched into the ground for considerable lengths from the western portal during the visit.

SAFETY REMINDER: Participants to be well equipped with their own safety equipment i.e. safety helmet, safety vest and safety boots in order to gain site access.



TENTATIVE ITINERARY – (subject to change without prior notice)

Time	Itinerary
8.00am	Gathering and registration at IEM Building
8.30am	Group departure from IEM to site
9.15am	Arrival of participants at MRT Info Centre , Seri Kembangan
9.20am	Project Briefing by Mr Vincent Neng, V207 Project Manager, PDP SSP, Q&A
10.00am	Refreshments Group Photo Departure to Site Visit *Project team will assist at site *Participants to be well equipped with their own PPE set in order to gain site access
10.45am	Arrival of participants at site V207 :Taman University Worksite
11.00am	Walkabout with participants at site and briefing by Mr Vincent Neng, V207 Project Manager, PDP SSP
11.45am	Back to IEM

- The visit is strictly limited to **30 participants** registered on a first-come, first-served basis.
- Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form before **7 AUGUST 2018** together with the payment.
- Cheques are to be made payable to The Institution of Engineers, Malaysia.
- Please note that the commitment fee must be settled prior to the visit.
- After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- Members are also reminded that IEM MAY cancel the reservation if payment is not received before the closing date

Chairman
Tunneling & Underground Space Technical Division
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REPLY SLIP

TECHNICAL VISIT TO KVMRT LINE 2 – V207 MINED TUNNEL SITE

I wish to participate in the above visit. I enclose herewith a cheque no. for the amount of RM..... as my commitment fee for the visit.

Name of Member :
Address :
.....
.....
Company's Name :

M'ship No.:
Grade :
Tel (Office):
Tel (Mobile):
Email :

PERSONAL DATA PROTECTION ACT:

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

.....
(Date)

.....
(Signature)

- Please bring along this flyer for confirmation of attendance - -Photocopies are acceptable –