

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: IEM19/HQ/324/V

Date : 27th July 2019 (Saturday)
Time : 8.00am – 1.00pm
Venue : Southern Project Site Office, Diamond Square, Seri Kembangan & Taman Universiti worksite
Transport : Coach will be provided. (Coach will depart at 8.30am sharp)

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 breakthrough and permanent lining work is being carried out.

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)

<i>Time</i>	<i>Itinerary</i>	<i>Time</i>	<i>Itinerary</i>
8.00am	Gathering and registration at IEM Building	10.30am	Departure to site visit
8.30am	Group departure from IEM to site	10.45am	Arrival of participants at site V207 : Taman Universiti Worksite
9.15am	Arrival of participants at Southern Project Site Office	11.00am	Walkabout with participants at site and briefing by V207 Project Manager
9.20am	Project Briefing by V207 PMD, Q&A	12.00noon	End of site visit and back to IEM
10.00am	Refreshments & Group Photo Session	1.00pm	Arrival at IEM Building

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

- 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 **20th JULY 2019** 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.
- Please observe the NO Photography Allowed policy at MRT construction sites.

REPLY SLIP

Chairman
Tunnelling & Underground Space Technical Division
The Institution of Engineers, Malaysia
PO Box 223 (Jalan Sultan),
46720 Petaling Jaya, Selangor

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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 : M'ship No.:
Address : Grade :
..... Tel (Office):
..... Tel (Mobile):
Company's Name : 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 -