

Technical Visit to KVMRT LINE 2 - V204 Pipe-Roofing Tunnel Worksite
Organised by : Tunnelling & Underground Space Technical Division, IEM
BEM Approved CPD/PDP Hours: 2 Ref No: IEM19/HQ/403/V

Date : 30th August 2019 (Friday)
Time : 8.00am – 1.00pm
Venue : Seri Gembira Avenue Project Site Office and Tunnel Worksite
Transport : Coach will be provided. (Coach will depart at 8.30am sharp)

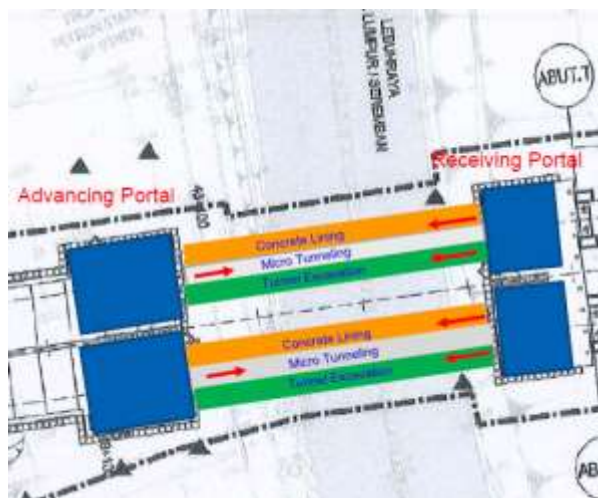
SYNOPSIS

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 downtown Kuala Lumpur. A total of 37 stations, 11 of which 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 Universiti Putra Malaysia (UPM) after crossing Maju Expressway (MEX) where it connects to the Serdang to Putrajaya Alignment (SEPA).

At one part of the SKSA, which crosses under the existing Kuala Lumpur – Seremban Highway, a 5.8m wide, 5.45m high and 58m long twin tunnel system is being constructed to accommodate an underpass railway tracks. The twin tunnel will be constructed within a so-called pipe-roofing system. The pipe roofing system is selected to support the roof of the top heading around the tunnel soffit as well as tunnel sides. Micro-tunnel boring machine (MTBM) is used to form the initial pipe roofing prior to mining the underpass. Sprayed concrete lining is used with steel rib lagging and face bolting as temporary supports for primary lining during the tunnel excavation before installation of permanent cast in-situ concrete lining.

This technical visit is aimed to highlight the various aspects and features of the tunnelling works on site, in particular the on-going micro-tunnelling work for the pipe-roofing installation.

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



TENTATIVE ITINERARY – (subject to change without prior notice)

Time	Itinerary	Time	Itinerary
8.00am	Gathering and registration at IEM Building	10.30am	Departure to site for visit
8.30am	Group departure from IEM to site	10.45am	Arrival of participants at site V204 : Pipe-roofing Tunnel Worksite
9.15am	Arrival of participants at Seri Gembira Avenue Project Site Office	10.50am	Walkabout with participants at site and briefing by V204 Project Manager
9.20am	Project Briefing by V204 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)
(Inclusive 6% SST)
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.
- Participants must be physically and mentally fit as stated in the requirements of 'Industrial Code of Practice for Safe Working in a Confined Space (2010)'.
- Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form before **23rd AUGUST 2019** together with 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

TECHNICAL VISIT TO KVMRT LINE 2 - V204 PIPE-ROOFING TUNNEL WORKSITE

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 –