



CHINA HONG KONG RAILWAY INSTITUTION

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Web Site : www.chkri.hk

28th December 2011

January 2012 Function: Site Visit – XRL TBM site at Mai Po

Saturday morning 14th January 2012

The Guangzhou – Shenzhen – Hong Kong Express Rail Link (XRL) Hong Kong Section consisting of 26km of railway, will run from the terminus in West Kowloon to Shenzhen. It will be built in an underground dedicated railway tunnel. The XRL will be part of the National High Speed Rail Network, targeting to run at a design speed of over 200km/hr, connecting to other major cities in the Mainland.

The XRL tunnels are constructed by Tunnel Boring Machine in soft ground, drill and blast method for rock condition and open cut at the terminus and the stabling sidings. The section of tunnel between Mai Po and Ngau Tam Mei is being built by Tunnel Boring Machine.

A launching shaft has been built at Mai Po where the TBM is lowered and assembled. The tunnel boring machine has started operation in October from Mai Po towards Ngau Tam Mei.

The visit will start with a short presentation to introduce the tunnel construction and then proceed to the vertical shaft to view the actual operation of the TBM.

Only paid-up members are eligible for this site visit.

The itinerary is as follows:

- 09:00 Assemble at MTR Fanling Station Exit C. Attached map for easy reference.
- 09:30 Arrival at Mai Po Site
- 09:35 Safety Induction and introduce the tunnel construction and TBM operation by MTR
- 10:30 Walk down the vertical shaft (about 30m deep) and view the operation of the TBM
- 11:30 End of the Visit.

For application, each participant has to confirm to CHKRI his/her name, employer and contact telephone no. You should also provide your membership no and grade, at the

same time when returning your application **by 6th January 2012 to Ms. Anita Ip by Fax to 2947 7001 or by e-mail to "secretary@chkri.hk".**

Successful participants will be notified in due course before the date of the visit. Please be reminded to bring or wear your own safety shoes in order to comply with the site regulations. MTR will provide safety helmets and Hi-V vests for all participants.

SK Leung
Secretary, CHKRI

Registration Form

To: Ms. Anita Ip

E-mail : secretary@chkri.hk

Fax: 2947 7001

I would like to attend the Visit to XRL TBM site at Mai Po

Name: Mr / Ms _____ (English) _____ (Chinese)

Company: _____ Tel / Mobile No.: _____

Fax No: _____ E-mail: _____

CHKRI Membership No. _____ Grade: _____

Signed _____
Participant

Date