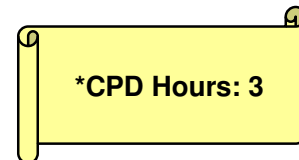


**TECHNICAL TALK
7th December 2011**

*Organised by the CIHT Malaysian Branch in association with
PLUS Expressways Berhad*

Date : 7th December 2011
Venue : Persada PLUS, Persimpangan Bertingkat Subang
KM15 Lebuhraya Baru Lembah Klang,
47301 Petaling Jaya, Selangor Darul Ehsan



PROGRAMME

09:00 - 09:30 : Registration and Tea/Coffee
09:30 - 10:30 : Technical Talk 1
10:30 - 11:00 : Discussion
11:00 - 12:00 : Technical Talk 2
12:00 - 12:30 : Discussion

CLOSING DATE FOR REGISTRATION: 30 NOVEMBER 2011

ABOUT THE TALK

The Chartered Institution of Highways and Transportation Malaysian Branch (CIHTMB), in association with PLUS Expressways Berhad, is organising a technical talk on the following:

Topic 1: The Electrified Double Track Project between Ipoh and Padang Besar

Speaker: En Nor Rizan Mohd Akhir (B.Eng. Hons, MBA)
Senior General Manager / Project Manager, OPUS International (M) Bhd

Topic 2: Use of Satellite Images and IFSAR Elevation Data in Infrastructure Planning

Speaker: Kong Hin Yew (MSc. Remote Sensing & GIS)
Vice President, Infrastructure Development Services Div, Jurukur Perunding Services Sdn Bhd

PLEASE CONTACT:

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E-mail: zaida@hss.com.my

Announcement to Note:

1. Registration fee: RM20 for non-members. Free for CIHTMB members but they need to register.
2. For walk-in participants, without prior registration, RM30 from non-members and RM10 from members will be charged.
3. Seats are limited (maximum 80). Reservation is on a first come first serve basis.
4. Please confirm your reservation using the registration form attached.
5. *CPD points for this technical talk would be 3 subject to confirmation from BEM.
6. *CPD points apply to the professional engineers registered with BEM subject to full attendance.

**FOR OFFICE USE ONLY
(CPD HOURS CONFIRMATION)**

Name of Participant

CIHT Membership No.

Signature

Topic 1: The Electrified Double Track Project between Ipoh and Padang Besar

Synopsis

The Government of Malaysia under its 8th Malaysia Plan has implemented the Electrified Double Track Project from Ipoh to Pulau Pinang to Padang Besar, also known as the Ipoh to Padang Besar (IPB) project. This will connect to the existing Rawang to Ipoh double tracking sector which was completed on 31 December 2007.

The IPB project involves construction of 329km long double track from Ipoh to Padang Besar that will pass through the states of Perak, Penang, Kedah and Perlis. Some of the highlights of the project are construction of tunnels at Bukit Berapit and Larut, construction of a new swing bridge at Sungai Prai and construction of a marine viaduct at the Bukit Merah Lake. The project will also involve construction of 200 crossings, which comprise 65 road over-bridges (flyovers), 78 rail bridges, 48 pedestrian and motorcycle bridges and 9 road under-bridges.

The completed double tracking sectors from Ipoh to Padang Besar, Rawang to Ipoh, Rawang to Seremban and the Klang Valley will further spur the growth of international container transport through the ports of Malaysia and Thailand. The IPB project is scheduled to be completed in November 2014.

Speaker: En Nor Rizan Mohd Akhir (B.Eng. Hons, MBA Cardiff)

En Nor Rizan has more than 30 years experience in the project and construction management of Mega Infrastructure Projects. He started his career with Public Works Department in 1981 and shortly after that he moved to private sector where he worked in various senior positions. In 1991, he joined Pengurusan Lebuhraya Bhd (a subsidiary of Kinta Kellas plc - now known as OPUS International Group). In 1994, he was entrusted to lead as Employer's Representative for the Putra-LRT2 project (now known as Kelana Jaya Line). Since 1998, he has been working as Government's PMC for the Ministry of Transport (MOT) and KTMB's projects, starting with the Electrified Double Track Project for Sentul Batu Caves, Rawang-Ipoh (RM6 billion) and currently heading the Consortium of Kinta Samudra - Emenea - Techart as the Project Manager for the RM16 billion KTMB's Electrified Double Track Project between Ipoh and Padang Besar.



Topic 2: Use of Satellite Images and IFSAR Elevation Data in Infrastructure Planning

Synopsis

With the introduction of new Geoeye1 0.5m resolution and RMSE 3m satellite images, engineers can now reap the benefits of details and accuracy that space technology has to offer. For the moment, the leap in accuracy from 25m (of IKONOS) to 3m (of Geoeye1) has quenched the current thirst for accurate planning data. In contrast with the progress made in image resolution and geometric accuracy of satellite-based images, little has changed in the availability of uniform and complete elevation data in Malaysia until now. The NEXTMap Malaysia IFSAR elevation data set is now ready to be "the data of choice" over the next few years. The combination of Geoeye1 satellite image and IFSAR elevation data (mixing better detail with accuracy) now caters for most preliminary planning and design requirements of infrastructure projects.

Speaker: Kong Hin Yew (MSc. Remote Sensing & GIS)

Mr Kong Hin Yew obtained his Bachelor of Science (Hon) in Surveying Engineering from the California State University Fresno (USA) in 1991. Then in 2002, he obtained his Master of Science in Remote Sensing and Geographical Information Systems from the Universiti Putra Malaysia (UPM). In 1992, he joined Jurukur Perunding Services Sdn Bhd as a Graduate Surveyor in Mapping Division. Since then, he has worked as Project Manager for several large scale projects. He is currently the Vice President of "Infrastructure Development Services Division" in Jurukur Perunding Services Sdn Bhd where he is overseeing the project development and production activities related to the Aerial Mapping, Remote Sensing, LIDAR and other related technology.

REGISTRATION FORM

Technical Talk
7th December 2011

Closing Date for Registration: 30 November 2011

Please register the following names for the technical talk:

1.
2.
3.

Company:

Address:

.....

Contact Person:

Tel.:

Mobile:

E-mail:

Payment

Please find enclosed a Cheque / Bank Draft / Online Transaction No.
for the amount of RM

Payable to: **The Institution of Highways and Transportation Malaysian Branch**
Account No. 5141-9633-5627, Maybank, Damansara Utama Branch

For registration and further information, please contact:

Ms Zaida, Tel. 03-9173 0355 Fax. 03-9173 0939

E-mail: zaida@hss.com.my