

## Stakeholders Engagement

We are committed to improve our services through engagement with internal and external stakeholders, such as our staff, the industry and the general public.

### Our Staff

#### Green Training

We place emphasis on the adequacy of training provided to our staff for their effective discharge of duties. To keep our staff abreast of the latest knowledge in environmental management, we arranged various training courses in 2015 to different target staff.

Course Name	Date	No. of Participant
One-day Training on Environmental Monitoring/Measurement Procedures and Environmental Requirements for Technical Staff	13/04/2015 - 17/04/2015	34
One-day Training on Environmental Monitoring/Measurement Procedures and Environmental Requirements for Professional Staff	14/04/2015	14
HKIE Environmental Division Annual Forum "The Future Directions and Breakthroughs of Hong Kong's Environmental Industry"	17/04/2015	2
New Modular Certificate Course on Identification of Common Trees in Hong Kong	21/05/2015 - 14/07/2015	8
Seminar on Exemplary Cases of Place Making in Kowloon East, Hong Kong	29/05/2015	8
5th Seminar on Practical Turf Management	06/06/2015	1
Professional Certificate for Arboriculture	14/06/2015 - 11/10/2015	1
Overview of Tree Failure Database in Hong Kong and Sharing of Significant Cases with Systemic Issues	22/06/2015	2
Short Course on Road Construction and Maintenance and Conference on Highway Development and Environment	20/08/2015 - 21/08/2015	12
Modular Certificate Course on Identification of Common Trees in Hong Kong	17/09/2015 - 22/09/2015	5
Tree Hazard Assessment Course with Integrated Assessment (LANTRA Professional Tree Inspection Qualification)	18/09/2015 - 23/09/2015	4
Seminar on Enhancing Biodiversity in Our Urban Environment	10/12/2015	12

## Green Activity

The Recreation and Sports Committee of HyD organised various green activities such as outing and hiking for staff and their family members to enjoy the environment and to promote a better work-life balance.



## Green Advice

We have adopted various measures to enhance environmental awareness of staff through the provision of green advice:

- re-circulate environmentally related departmental guidelines regularly through e-mail and the intranet;
- display posters to promote economical use of resources and green housekeeping measures;
- invite staff to put forward suggestions on green management such as through the Staff Suggestions Scheme; and
- extend the green office concepts to daily life through activities such as recycling of used red packets, empty moon cakes / candy cans organised by BMO of HMTGO.

## The Industry

### Environmental Training in Collaboration with Others

We promoted good practices and sharing knowledge on environmental management measures by co-organizing the Joint Safety, Health and Environmental Seminar 2015 with CLP Power Hong Kong Limited (CLP), Mass Transit Railway Corporation Limited (MTR), Civil Engineering and Development Department (CEDD), Environmental Protection Department (EPD) and Hong Kong Institution of Engineers (HKIE). The Seminar aimed at promoting and sharing experiences, knowledge and the latest Safety, Health and Environment measures amongst construction professionals, supervisory staff and young engineers of the industry.

In this year, different topics of safety, health and environmental knowledges covering (i) Clean Air Plan for Hong Kong, (ii) Safety Enhancement in Substation Construction through Building Information Modeling (BIM), (iii) Health and Safety for Facility Management, (iv) Common Failures of Lifting Operations, (v) Management of Sediment Disposal in Hong Kong and (vi) Central - Wan Chai Bypass: Construction Safety Excellence through Continuous Enhancement were shared amongst more than 600 participants at the VTC Auditorium of Hong Kong Design Institute at Tseung Kwan O.



**Speakers and Organizers of the Joint Safety, Health and Environment Seminar 2015**

 <p><b>Health and Safety for Facility Management</b> By <i>Ir Dr Jeffrey Yung (HKIE)</i></p>	 <p><b>Safety Enhancement in Substation Construction through BIM</b> By <i>Mr CL Mak (CLP)</i></p>	 <p><b>Management of Sediment Disposal in Hong Kong</b> By <i>Mr Felix CW Lo (CEDD)</i></p>
 <p><b>Clean Air Plan for Hong Kong</b> By <i>Mr Brian MP Lau (EPD)</i></p>	 <p><b>Central - Wan Chai Bypass : Construction Safety Excellence Through Continuous Enhancement</b> By <i>Mr Eric KK Wong (AECOM, representative of HyD)</i></p>	 <p><b>Common failures of Lifting operations</b> By <i>Mr Ernest Huna (MTR)</i></p>

### Environmental Promotion Campaign on Construction Site

HyD joined hands with our contractors in promoting and participating in various environmental activities including the Hong Kong Awards for Environmental Excellence, Hong Kong Green Awards and Yan Oi Tong Plastic Recycling Partnering Scheme.

The Environmental Campaign Committee, EPD and other organizations jointly organized the Hong Kong Awards for Environmental Excellence (HKAEE). The Environmental Labels, consisting of Wastewise and Energywise Labels,

were issued to contractors that had effectively adopted measures to reduce the amount of waste generated and save energy within their establishments respectively. The labels also recognized the waste reduction and energy saving effort of the contractors. The Sectoral Awards encouraged the contractors to adopt green management, benchmarking their commitments towards best practices within construction industry, and acknowledged their efforts of leading the construction industry.

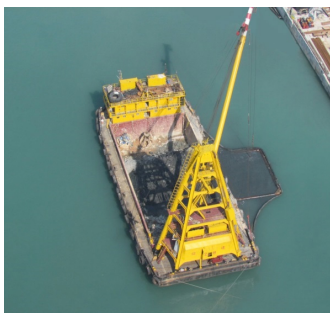
In 2015, three of our contracts, Contracts No. HY/2009/15, HY/2009/18 and HY/2009/19, were awarded the “Class of Excellence” in Wastewise Environmental Labels. Two contracts, Contracts No. HY/2009/15 and HY/2009/18, were awarded the “Class of Excellence” in Energywise Environmental Labels, whereas Contract No. HY/2009/15 had also received the Sectoral Award for their excellent performance.

Our contractors also took part in the Hong Kong Green Awards 2015 organized by the Green Council. Our Contract No. HY/2009/19 was awarded the “Gold in Green Management Award – Project Management – Large Corporation” and “Sustained Performance” for recognizing their outstanding achievements. In addition, our contractors also participated in “Yan Oi Tong Plastic Recycling Partnering Scheme 2014-2015”. Contract No. HY/2009/18 received a Merit Award while Contract No. HY/2009/19 received both a Bronze Award and a Caring Award.



**Hong Kong Green Awards 2015 – Green Management Award  
- Project Management – Large Corporation  
Gold for Contract No. HY/2009/19**

**Environmental Measures Taken on Construction Sites of Awarded Contracts**



**Silt curtain containing marine mud during dredging**



**Movable noise barriers shielding construction noise**

**The General Public**

We continued to organise a wide range of activities in 2015 to maintain close ties with the community. Through these activities, we aimed to enhance neighbourliness, publicize project details, share technical knowledge and collect opinions for continuous improvement.

### Community Outreaching



Participation in Caring Visits to the Elderly Living in Tai Po District



Tunnel Model Making by Secondary Students in an Outreaching Event



Group Discussions among Secondary Students in an Outreaching Event



Forming Simulated “Waste Water Treatment Facility” by Secondary Students in an Outreaching Event



Group photo after Finishing all Checkpoint Tasks in an Outreaching Event

Public Consultation



Meeting with Tai Po District Council Traffic and Transport Committee Working Group



Attended Tai Hang Rural Committee Regular Meeting



Meeting with Yuen Long Village Representatives



Community Liaison Group Meeting for Works Progress and Environmental Mitigation Measures



Public Forum for Shatin District



Public Forum for Sai Ying Pun District



Community Liaison Group Meeting held for Public Consultation



Citizen Raising Question in a Public Forum

### Connection with Outside Parties



Participation of Lam Tsuen Wishing Tree Festival Pun Choi Banquet



Site visit to Tuen Mun - Chek Lap Kok Link - Southern connection Viaduct Section by the Hong Kong University of Science and Technology



Attended the Tai Hang Da Jiu Festival and Big Bowl Feast



Tai Po District Council - Working Group Tolo Highway Site Visit



Visit by Brigham Young University, Provo, Utah, USA to Hong Kong Link Road



Site Visit by Students of Technological and Higher Education Institute of Hong Kong



Site Visit by Institution of Materials, Minerals and Mining (Hong Kong Branch)



Visit by CLP Power Hong Kong Limited to Hong Kong Link Road

Project Newsletter

### 社區關懷 Community Caring

**在東門村及鄰近地區交付有關架橋工程的工作通知**  
At Tai Hang Village

**交付有關架橋工程的工作通知**  
Delivery of advance notification to the nearby residents regarding work of modification of catch fence

**於 2015 年 9 月 11 日召開新寧鄉區發展諮詢委員會會議**  
Attendees: The Hang Rural Committee regular meeting regarding work of widening of Fanling Highway on 11 Sep 2015

**於 2015 年 8 月 21 日召開新寧鄉區發展諮詢委員會會議**  
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### 聯絡我們 Contact Us

24 小時熱線 24-hour Helpline	6028 8566	傳真 Fax	2559 2500	電郵 Email	enquiry@tdo1.com
合約 Contracts	合約編號 Contract No. HY/2009/08 東區走廊及東區繞道與東區 Island House Interchange to Ma Wo	合約編號 Contract No. HY/2012/06 麥窩至新寧鄉區 Tai Hang to Ma Wo Slip Interchange	合約編號 Contract No. HY/2009/08 高橋至麥窩 Ma Wo to Tai Hang	合約編號 Contract No. HY/2009/08 高橋至麥窩 Ma Wo to Tai Hang	
承建商 Contractor	中國鐵工國際有限公司 China State Construction Engineering (HK) Ltd.	葛士堅有限公司 Garrison Construction Ltd.	葛士堅有限公司 Garrison Construction Ltd.	葛士堅有限公司 Garrison Construction Ltd.	
工程師 Contract Website	http://www.tdo1.com.hk	http://www.bto2.com.hk	http://www.bto2.com.hk	http://www.bto2.com.hk	
顧問公司 Consultants	奧誠—黃柏齡—博德聯聯有限公司 Hyder—Aryu—Block & Walsh Joint Venture	奧誠—黃柏齡—博德聯聯有限公司 Hyder—Aryu—Block & Walsh Joint Venture	奧誠—黃柏齡—博德聯聯有限公司 Hyder—Aryu—Block & Walsh Joint Venture	奧誠—黃柏齡—博德聯聯有限公司 Hyder—Aryu—Block & Walsh Joint Venture	

第二十一期簡訊

Newsletter No. 21 P.4

### 簡訊 Newsletter Issue 22 2015/2/23

合約編號 (Contract Nos.: HY/2008/09, HY/2009/08 及 HY/2012/06)  
擴政務司官路附近道路交匯處與粉嶺之間的吐露港公路/粉嶺公路擴闊工程  
Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling

歡迎在 22 期簡訊的 Newsletter, This Newsletter continues to cover all the five contracts in Tolo Highway/Fanling Highway Widening Project - Stage 1 and Stage 2. If you have any suggestion on the Newsletter or the construction work, you are welcome to contact us.

#### 工程特寫 Works Feature Highlight

##### 預製預力混凝土橋樑上蓋舉升

**Installation of Precast Concrete Beams over the MTR East Rail Line Tracks**

由於新寧鄉區及東區繞道工程在興建中，為了配合新寧鄉區及東區繞道工程，預製預力混凝土橋樑上蓋將被安裝在 MTR 東鐵綫軌道上方。為了配合新寧鄉區及東區繞道工程，預製預力混凝土橋樑上蓋將被安裝在 MTR 東鐵綫軌道上方。為了配合新寧鄉區及東區繞道工程，預製預力混凝土橋樑上蓋將被安裝在 MTR 東鐵綫軌道上方。

Since the Kau Lung Hang Viaduct Bridge (KLVMB) under construction spans over the existing MTR East Rail Line, in order to avoid disturbance to the MTR regular train services due to the construction works, and to complete construction of the bridge section as efficiently as possible, the lifting of precast beams method has been adopted to reach the section of bridge abutment spanning over the MTR East Rail Line. To suit the actual site conditions, the lifting method requires that large cranes setting on one side of the lift tracks to operate counterweights. The two cranes will lift up the precast beams to a level higher than the precast beams on the other side of the lift tracks. The precast beam is then rotated about 90° in the air and positioned at the top pier heads. During construction, these procedures will be repeated to place totally 10 precast beams at the original levels, to form the bridge deck of the viaduct. Temporary retaining system will be provided to support the precast beams in place of the pier heads and to facilitate the above lifting and installation activities for precast beams, two half lanes of a section of Fanling Highway Southbound between Tai Wo Service Road East and the junction of Wing Lee Yuen Road will be temporarily closed from 11:00pm on Saturday and then all half lanes will be fully closed from 05:30am to 5:30am on the following Monday, starting from 1 September 2016.

預製預力混凝土橋樑上蓋舉升的工序  
Lifting Operation of Precast Concrete Beam over MTR East Rail Line

預製預力混凝土橋樑上蓋舉升的工序  
Lifting Operation of Precast Concrete Beams Lifting Operation

預製預力混凝土橋樑上蓋舉升的工序  
Section of Placing of Precast Concrete Beam over MTR East Rail Line

第二十二期簡訊

Newsletter No. 22 P.1

## Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling

### 中環灣仔繞道和東區走廊連接路 Central - Wan Chai Bypass and Island Eastern Corridor Link

新聞部  
Public Management, Highways Department

NEWSLETTER  
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2015 年 9 月  
Sep 2015

#### 如何締造安全及健康的工作環境? How to create a safe and healthy working environment?

香港多個大型基建項目相繼展開，作為其中一個中環灣仔繞道和東區走廊連接路工程（下稱「繞道」），除了面臨一般建築工程帶來的挑戰外，繞道工程更面對在狹窄空間內工作帶來的困難和挑戰。在今期的通訊，我們會與大家分享工程團隊如何為工友提供安全及健康的工作環境。

Among the various major infrastructure projects currently in progress in Hong Kong, the Central - Wan Chai Bypass and Island Eastern Corridor Link (ECCL) project needs to overcome not only the difficulties of general construction works, but also the challenges of tunnel works in confined spaces with potential hazards. Through this newsletter, we would like to share with you how the project team provides a safe and healthy working environment for workers.



## Central - Wan Chai Bypass and Island Eastern Corridor Link



### Project Website



Contract No. HY/2012/06  
Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange

Design and Construction Consultant : Hyder - Arup - Black & Veatch Joint Venture  
Main Contractor : China State Construction Engineering (Hong Kong) Limited  
Contract Commencement Date : 18 July 2013  
Contract Sum : HK\$2,510 million

**Project Description**  
The Project comprises of widening the 3-km long section of Fanling Highway between Tai Hang and Wo Hop Shek Interchange (Portion between Nam Wah Po to Kiu Tau is entrusted to CEDD). The widening works are proposed to alleviate the traffic congestion problem on Fanling Highway and to meet the anticipated traffic growth.

**Left Map:** KAU LUNG HANG VEHICULAR BRIDGE (CUM WALKWAY)  
九龍坑行車橋(連行人路)

**Right Map:** Shows the project location on a map of Fanling Highway, including labels for 'WO HOP SHEK INTERCHANGE', 'NAM WAH PO', and 'TAI HANG'. A blue line indicates the 'WIDENING OF FANLING HIGHWAY (TAI HANG TO WO HOP SHEK INTERCHANGE)'. A red box highlights the 'WIDENING OF FANLING HIGHWAY (TAI HANG TO WO HOP SHEK INTERCHANGE)'. A blue line also indicates the 'WIDENING OF FANLING HIGHWAY (TAI HANG TO WO HOP SHEK INTERCHANGE)'.

Widening of Fanling Highway -  
Tai Hang to Wo Hop Shek Interchange