



Stakeholders Engagement

We strive for continual improvement to our services and environmental performance through engagement with internal and external stakeholders.

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 2017 to different target staff.

Course Name	Date	No. of Participant
Comprehensive Training on Tree Risk Assessment and Management Training Course 2017	16/1/2017	4
Sharing Session on the Implementation of Tree Risk Assessment and Management (TRAM) Exercise and the Use of Tree Register	8/2/2017	10
Seminar on Urban Tree Management - From the Legal Point of View	27/2/2017	12
HKIE Environmental Division Annual Forum	27/4/2017	2
2-day Workshop on Identification of Common Trees in Hong Kong	10&12/5/2017	5
	17&19/5/2017	5
	7&9/6/2017	3
	14&16/6/2017	2
Seminar on Proper Tree Care	16/5/2017	8
2-day Workshop on Tree Pruning	1&5/6/2017	3
	2&6/6/2017	3
	6&10/7/2017	6
	7&11/7/2017	2
Occupational Safety and Health in Arboriculture by OSHC	10-17/6/2017	6
	2-9/8/2017	2
Seminar on Brown Root Rot Disease & Tree Failure Cases in Hong Kong	14/6/2017	5
	26/6/2017	5
ISO 14001:2004 EMS Internal Auditor Training	20&21/7/2017	17
Overseas Duty Visit International Society of Arboriculture (ISA) Annual Conference and Tree Academy Workshops, Washington, DC, USA	28/7/2017-2/8/2017	3
Fungus, Tree Response and Management of Trees of All Ages	27&28/9/2017	4
Sharing of Master Dissertation - Learning and Study of Arboriculture and Urban Forestry_HyD	3/10/2017	6
Tree and Tree Risk Assessment Course	12-19/10/2017	1

Course Name	Date	No. of Participant
Joint Safety, Health and Environmental (SHE) Seminar 2017	13/10/2017	6
Management strategies of Brown Root Rot disease	18/10/2017	4
Workshop on Occupational Health and Safety in Arboriculture	23/10/2017 26&27/10/2017	3 4
10th Annual International Arboriculture Summit - Hong Kong (IASHK)	15/11/2017	12
Knowledge Management - Internal Seminar on Debriefing after duty visit to International Society of Arboriculture (ISA) Annual Conference	22/11/2017	9
Tree Hazard Assessment Course with Integrated Assessment (LANTRA Professional Tree Inspection Qualification)	27-30/11/2017	4
Briefing cum Training on Conversion of HyD's QMS and EMS to ISO9001:2015 and 14001:2015	11/12/2017 18/12/2017	21 27

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 the Building Management Office of Ho Man Tin Government Offices.

Voluntary Services and Charity Activities

HyD colleagues and their family also actively take part in voluntary services and charity activities during their leisure time to give back to the community. During the year, HyD Volunteer Team participated in a number of voluntary services with various organisations.



“Chinese New Year Gift Packs Transfer” with Hong Kong Sheng Kung Hui Lady Maclehorse Centre



“Family Unity Never-ending Carnival” and “3-Legged Charity Walk” with Christian Action



Caring visit to Heep Hong Society Special Child Care Centre



Caring visit to Hong Kong Sheng Kung Hui John Yuen Home for the Elderly



Caring visit to Mong Kok Kai-Fong Association



“Life Buddies” Mentoring Scheme with Ho Dao College (Sponsored by Sik Sik Yuen)



“Christmas Lunch” with Community of Sant’Egidio

Staff Opinion Survey

HyD has commenced Staff Opinion Survey since 2014 to collect its staff's opinions and feedback in a systematic way for continuous improvement. It facilitates the Department to (i) obtain an overall assessment on the level of staff satisfaction in various work-related aspects as well as their perception of HyD as a caring organization; (ii) to gauge staff's sentiment and views on various Human Resources Management dimensions and the Vision and Mission of HyD; and (iii) to identify important job aspects that drive overall staff satisfaction and prioritise action plans based on the relative importance of the job aspects.

The latest Staff Opinion Survey was held in 2016 with an overall response rate of 83%, i.e. over 1,700 staff had participated in the survey. Review Committee and associated working groups were established subsequently to formulate and oversee the implementation of the follow-up measures, which were introduced in late 2016 and 2017.

Some examples of enhancement measures from Staff Opinion Survey



Organising team building activities and customized training for enhancing the working morale, inter-personal relationship and cooperation amongst colleagues



Stringent cleaning works
for a clean and hygienic workplace



Installation of flow regulators for water saving



Establishment of a breastfeeding room at Ho Man Tin Government Offices for promoting breastfeeding

The Industry

Environmental Training in Collaboration with Others

To promote good environmental practices and initiatives, HyD worked closely with other stakeholders including CLP Power Hong Kong Limited, Mass Transit Railway Corporation Limited (MTR), Civil Engineering & Development Department, EPD, Vocational Training Council (VTC) and the Hong Kong Institution of Engineers to convene the Joint Safety, Health and Environmental Seminar 2017 on 13 October 2017 at the VTC auditorium, Hong Kong Design Institute. The seminar successfully facilitated the sharing of experiences and knowledge amongst over 600 participants including professionals, supervisory staff and students of the construction industry.



Speakers and Organisers of the Joint Safety, Health and Environmental Seminar 2017

In this year, the seminar covered a wide range of safety, health and environmental knowledge and good practices including (i) Responsible Management of Construction Waste, ii) Uplifting Quality of Safety Observations in CLP, (iii) Creating Green and Blue Resilient Cities, (iv) Implementation of Behaviour – Based Safety in Beijing MTR and its Challenges, (v) Developing a Robotic System for Rebar Cage Assembly in Hong Kong and (vi) Behaviour – Based Safety.



Our living environment and cities are now becoming highly compact, complex and fragile. To balance the fulfilment of human aspirations and to maintain a sustainable development at the same time is a real challenge. In this year, the representative of HyD shared with the audience her experience and vision on “Creating Green and Blue Resilient Cities”. By visiting some exemplary projects from ancient settlements to biophilic cities, the speaker presented the wisdom of design with nature to create resilient cities and better places for living.



Representative of HyD presented on the topic “Creating Green and Blue Resilient Cities”

Environmental Promotion Campaign on Construction Site

HyD continued to work with our contractors in participating in various environmental promotional activities in 2017 including the Hong Kong Awards for Environmental Excellence.

Hong Kong Awards for Environmental Excellence is a well-recognised campaign organised by the Environmental Campaign Committee, EPD and other organisations. The Awards included two types of Environmental Labels, namely, Wastewise and Energywise Labels. They were awarded to contractors to recognize their efforts



Award Ceremony of Hong Kong Awards for Environmental Excellence

to reduce the amount of waste generated and save energy within their establishments respectively. In 2017, three of our contracts, namely HY/2009/18, HY/2009/19 and 09/HY/2013, were awarded “Class of Excellence” in Wastewise Label which was the highest rank, while three other contracts, namely HY/2013/01, HY/2013/02 and 08/HY/2013 won “Class of Good”. For Energywise Label, one of our contracts, namely HY/2009/15 achieved the highest class “Class of Excellence” and another contract HY/2009/19 won “Class of Good”.

In addition to the above label awards on waste and energy aspects, the Hong Kong Awards for Environmental Excellence granted the title of “Hong Kong Green Organisation” to organisations in recognising their commitment to improve their environmental performance. Contracts HY/2013/12 and HY/2012/08 were granted the title of “Hong Kong Green Organisation” in recognition of their environmental achievements in multiple aspects.

To honour the all-round and outstanding environmental performance in the construction industry sector, Contract HY/2013/12 was granted the Gold Award, which was the highest award in the Sectoral Awards of Hong Kong Awards for Environmental Excellence. The Award benchmarked their commitments towards best practices within construction industry and acknowledged their efforts of leading the construction industry.

The General Public

We continued to organise a wide range of activities in 2017 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



Meeting with secondary school students in a mentorship programme



Practising survey by secondary school students in a mentorship programme



School visit to Tuen Mun Government Primary School

Public Consultation



Community forum



Consultation with district councillors



Consultation with local residents



Roving exhibition



Consultation with district council



Community liaison group meeting

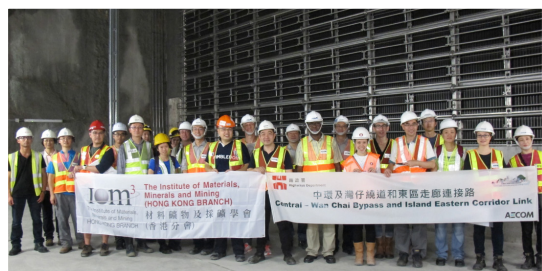
Connection with Outside Parties



Site visit by the President of People's Republic of China



Site visit by the Secretary for Transport and Housing



Site visit by the Institute of Materials, Minerals and Mining (Hong Kong Branch)



Site visit by Hong Kong Customs and Excise Department



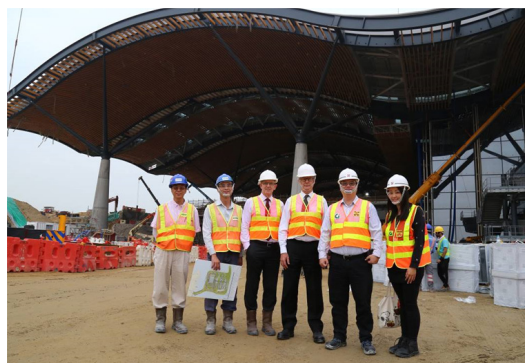
Site visit by Civil Aviation Administration of China



Site visit by the Association of Geotechnical and Geoenvironmental Specialists



Site visit by the Chairman of Airport Authority Hong Kong



Site visit by the President of the Institution of Structural Engineers

Project Newsletter

『港珠澳大橋』及香港相關工程項目 **通訊** **12** **2017年11月**

Hong Kong-Zhuhai-Macao Bridge and Related Hong Kong Projects **NEWSLETTER** **2017·NOV**

工程特稿 FOCUS ARTICLE

屯門至赤鱓角連接路南面連接路
面連接路
橫跨重要交通設施的陸上高架道路建造工程

Tuen Mun – Chek Lap Kok Link Southern Connection
Construction of Land Viaducts Spanning Over Important Transport Facilities

Tuen Mun-Chek Lap Kok Link Southern Connection (TM-CLKL SC) comprises the construction of approximately 3.5km sea and land viaducts connecting North Lantau Highway (NLH) with the Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities (HZMB HKBCF). The construction of the four land viaducts at Tai Ho spanning over important transport facilities such as NLH, MTR Airport Express Line (AEL) and Tung Chung Line (TCL) is a major engineering feat, demanding highly skillful work. It involves erection of about 60 to 120 tons of precast segments over the NLH and MTR tracks. The contractor needs to maintain the safe and normal operations of the railways and road during the construction. The aforesaid precast segments erection works has substantially been completed in early November 2017, which is one of the significant milestones of this project.

Taking account of the complex site conditions, the contractor has to plan all construction sequences carefully and deploy suitable heavy lifting machinery, including two 500-ton mobile cranes, before the execution of the works. In particular, the contractor deploys two highly sophisticated launching gantries of 200m long and 1000 tons in weight for the erection of segments over MTR AEL and TCL. The segment erection is only carried out at night during the non-operational hours of railways to avoid any disturbance to their operations. At the same time, the contractor needs to plan in detail the implementation of different stages of temporary traffic arrangements (TTAs) at NLH. Every TTA is required to be reviewed in detail with appropriate local consultations whenever necessary before implementation.

Safety precaution measures and contingency plans were carefully planned and executed to minimize disturbance and risks imposed to the public road users, railway and airport operations while achieving project deliverables.

因應複雜的施工環境，承建商需於施工前小心規劃各項工序和準備適當的重型吊裝機械包括兩台500噸移動式起重機；而在建造橋樑快線及東涌橋範圍上方進行的吊裝工作，承建商亦特別引進兩台長約200米和重約1000噸、高靈活性的移動式吊裝機。為避免影響鐵路日常運作，吊裝預製組件工程只會於鐵路深夜非營運時間進行。同時，承建商亦需詳細規劃在北朗山公路實施的不同階段臨時交通安排，每項臨時交通安排建議均經詳細審視，並在有需要時進行密切的地區諮詢後才實施。

在推廣工程的同时，安全預防措施和應急計劃均仔細規劃和確保嚴格執行，以盡量減低工程對道路使用者、鐵路及機場運作的影响和風險。

橫跨北朗山公路及港鐵鐵路之陸上高架道路
Land Viaducts Spanning over North Lantau Highway and MTR Railways

橋樑在夜間興建及北朗山公路上方以吊裝吊機吊裝預製橋樑組件
Bridge Segment Erection Works over MTR Railways and North Lantau Highway by Launching Gantry at Night

Hong Kong-Zhuhai-Macao Bridge and Related Hong Kong Projects

Highways Department
The Government of the Hong Kong Special Administrative Region
香港特別行政區政府路政處

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

NEWSLETTER
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項目管理處 路政處 工程顧問: 文嘉源有限公司 Project Management: Highways Department Consulting Engineers: AECOM Asia Ltd. Inc.

為繞道打拚的工程團隊
The project team dedicated to CWB

中環及灣仔繞道和東區走廊連接路（下稱「繞道」）工程自2009年開展以來，工程團隊面對不少困難和挑戰，其中包括預料和量測東區走廊（下稱「東廊」）部分行車天橋，以連接繞道連接繞道與東區走廊入口。

東廊為區內的主要幹道，交通非常繁忙，於施工期間維持正常行車至為重要。為此，需分階段實施臨時交通改道措施，以配合工程進行。全賴工程團隊的悉心策劃及努力不懈地打拚，東廊的新東、西行車天橋已分別於2014年9月及2016年10月落成啟用。

今期通訊，我們將介紹繞道工程背後的故事。

Since the commencement of Central - Wan Chai Bypass and Island Eastern Corridor Link ("CWB") project in 2009, the project team had encountered numerous difficulties and challenges, such as the demolition and reconstruction of Island Eastern Corridor ("IEC") bridges for building the approach ramps connecting to the east portal of CWB.

As IEC is the trunk road in the district with very busy traffic, maintaining live traffic on IEC during construction is of utmost importance. Hence, sequential temporary traffic arrangements were implemented to facilitate the construction. Owing to the project team's detailed planning and dedication, the new eastbound and westbound IEC bridge section was constructed and opened to traffic in September 2014 and October 2016 respectively.

In this issue, we would like to introduce the CWB project team behind the scenes.

Central-Wan Chai Bypass and Island Eastern Corridor Link

路政處
HIGHWAYS DEPARTMENT
文嘉源有限公司
Mar Works Project Management Office

簡訊 Newsletter **Issue 25**
August 2017

合約編號 Contract No.: HY/2012/06
粉嶺公路擴闊工程- 泰亨至和合石交匯處
Widening of Fanling Highway - Tai Hang to Wo Hop Shok Interchange

歡迎參閱第二十五期簡訊。此簡訊包含第二期合約的進行中的工程，已完成的工程及未來數月將會進行的工程。如果你對本簡訊或相關工程有任何意見，歡迎聯絡我們。

Welcome to the 25th Issue of Newsletter. This Newsletter covers the works in progress, completed construction works and works in the coming months of the contract in Stage 2. If you have any suggestions on the Newsletter or the construction works, you are welcome to contact us.

工程特寫 Works Feature Highlight

重新定線後的大窩西支路(泰亨段)於2017年5月16日啟用

泰亨與和合石交匯處之間的粉嶺公路擴闊工程於2013年7月動工。為了騰出空間進行此段粉嶺公路的擴闊工程，由泰亨至南華的一條大窩西支路必須重新定線。待擴闊工程完成後，粉嶺公路將可應付預算未來的交通增長。由於大窩西支路鄰近民居及眾多商業經營者，工程需要重設多個路口，而且道路及行人路之下有密集的公用設施，施工的安排是富挑戰性的工作。經工程團隊的專業工作，各政府部門及相關持份者的努力，以及附近居民和商戶的支持及體諒，是次工程其中一個重要的里程碑——大窩西支路(泰亨段)的重新定線工程終於於2017年5月16日啟用。此外，其他建造中的相關工程項目包括重置四條橋樑粉嶺公路的部分現有行人天橋和建造連接重置後行人天橋的升降機等將會分階段陸續完成，提供優質的基礎建設給予公眾使用。

Commissioning of the Realigned Tai Wo Service Road West (Tai Hang Section) on 16 May 2017

Widening works of Fanling Highway between Tai Hang and Wo Hop Shok Interchange was commenced in July 2013. In order to create working space for the widening works of Fanling Highway, it was necessary to re-align a section of Tai Wo Service Road West from Tai Hang to Nam Wa Po. After completion of the widening works, Fanling Highway would be able to cope with the anticipated traffic growth in future. The arrangement of construction works for the realignment of Tai Wo Service Road West was a challenging task due to its close proximity to the dwelling houses and many business undertakings, repaving of several road junctions, also full of public utilities located under the carriageways and footpaths. With the professionalism of the project team and the diligence of all relevant government departments and stakeholders, as well as the great support and understanding from nearby residents and business units, the works for realigned Tai Wo Service Road West (Tai Hang Section) as one of the important milestone of this construction project was finally completed and the road was commissioned on 16 May 2017. In addition, other associated construction works including repaving of part of four existing pedestrian footbridges spanning over the Fanling Highway and construction of lifts for the re-provided footbridges will be subsequently completed in stages, to provide high quality infrastructure for the use of the general public.

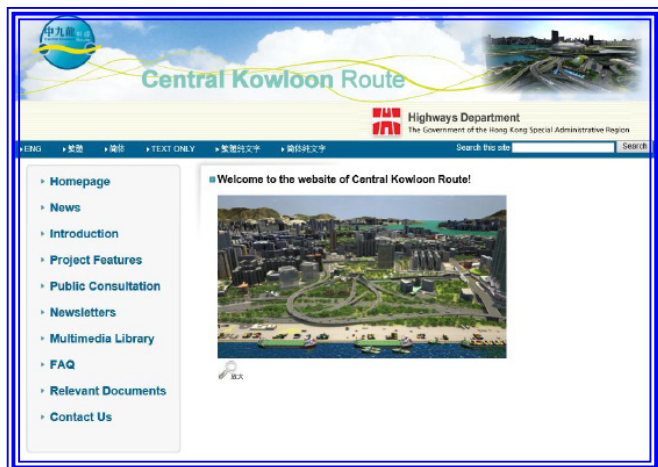
重新定線後的大窩西支路正式啟用
Commissioning of Realigned Tai Wo Service Road West

於2017年5月24日舉行竣工典禮以慶祝重新定線後的大窩西支路正式啟用。
A completion ceremony was held on 24 May 2017 to celebrate the commissioning of Realignment of Tai Wo Service Road West.

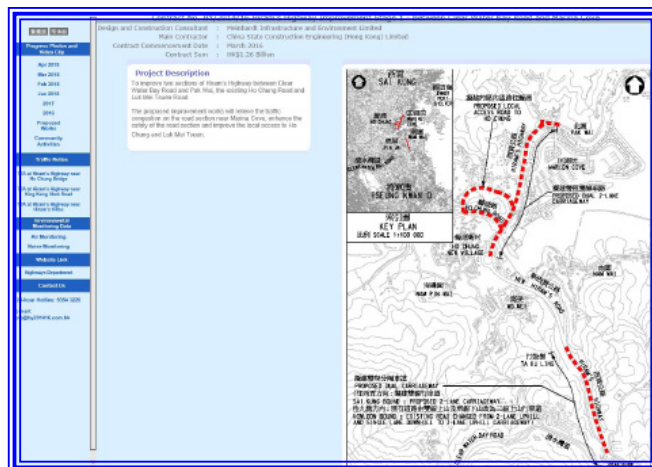
第二十五期簡訊 **Newsletter No. 25 P.1**

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

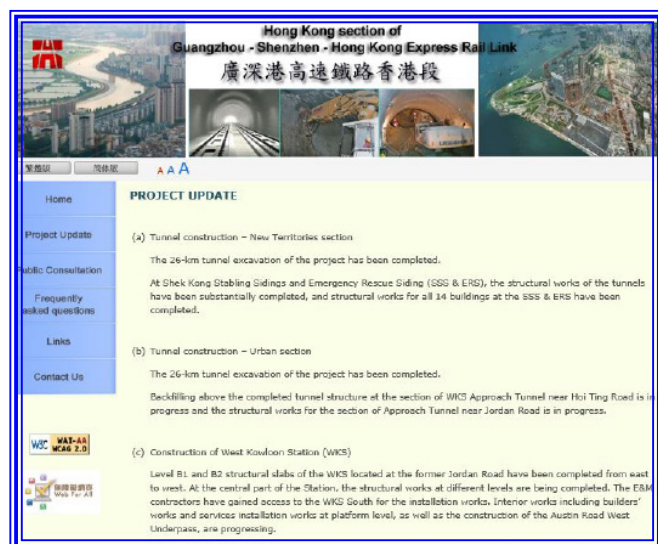
Project Website



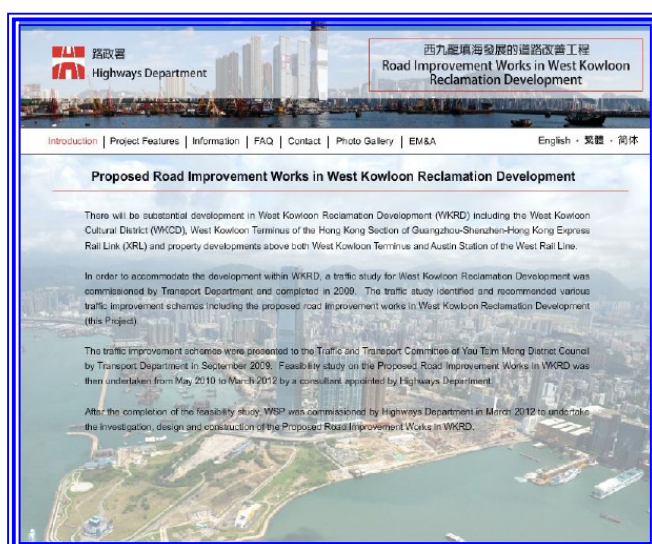
Central Kowloon Route



Hiram's Highway Improvement Stage 1 - Between Clear Water Bay Road and Marina Cove



Hong Kong section of Guangzhou-Shenzhen-Hong Kong Express Rail Link



Road Improvement Works in West Kowloon Reclamation Development



Central - Wan Chai Bypass and Island Eastern Corridor Link



Hong Kong-Zhuhai-Macao Bridge Related Hong Kong Projects