

## 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 2019 to different target staff.

Course Name	Date	No. of Participant
Tree Hazard Assessment Course with Integrated Assessment	Feb & Mar 2019	1
Occupational Safety and Health in Arboriculture	Mar & Jul 2019	2
Occupational Safety and Health on Tree Works	Mar & Aug 2019	11
Seminar on Tree Care before Wet Season	Apr & May 2019	15
Managing trees to reduce risk and prolong useful life	Apr 2019	2
2-day Workshop on Tree Pruning and Use of Chainsaw	Apr 2019	26
The Hong Kong Institution of Engineers Environmental Division Annual Forum "Environmental Innovation: Opportunities and Challenges in Hong Kong"	Apr 2019	2
Seminar on Standard of Care and Liability for Arborists and Tree Transplant and Removal Best Management Practices	May 2019	12
Green Compliance without Tears: A Better Understanding of the Hong Kong Environmental Laws	Jun 2019	4
CIE Lighting Professional Short Course 2019 - Session 7 - Environmental Friendly Lighting Design	Jun 2019	2
Public Lecture on Arboriculture Training - Legal Framework in Victoria for Tree Protection; Why put a monetary value on trees?	Jun 2019	5
Seminar on Handling of Wild Birds on Tree Management Works and Sharing of Master Dissertation	Jun 2019	10
Public Lecture on Arboriculture Training - Root System Management, Ground Penetrating Radar (incl. Air-Knife), Root Barriers and whole tree failure incidents	Jun 2019	1
Training for Tree Risk Assessment and Management (TRAM) Enhancement Exercise	Aug 2019	23
Seminar on Diagnosis of Abiotic and Biotic Tree Disorders	Sep 2019	6
Experience Sharing - Use of Technology in Tree Management	Sep 2019	8

Course Name	Date	No. of Participant
International Society of Arboriculture (ISA) Hong Kong Chapter International Conference 2019 - Urban Forestry in Practice	Oct 2019	8
ISA Tree Risk Assessment Qualification (TRAQ) Renewal Course and Assessment	Nov 2019	1
Tree Risk Assessment Course with Integrated Assessment (TRAQ)	Nov 2019	2
Seminar on Brown Root Rot Disease	Nov 2019	3
Understanding Tree Problems and Tree Management in Construction Sites	Dec 2019	14

## Green Activity

Our Recreation and Sports Committee organised various green activities for our colleagues 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

Our colleagues and their family have been actively taking part in voluntary services and charity activities during their leisure time for the community. During the year, our Volunteer Team participated in a number of voluntary services with various organisations.



Distributed “blessed rice” to elders



Visited elders in Kowloon City District



Visited the elderly centres



Visited elders in Kwai Shing West Estate



Prepared Christmas Lunch for people in need



Participated in Life Buddies Mentoring Scheme





## Enhancement Measures from Staff Opinion Survey

We have commenced Staff Opinion Survey since 2014 to collect staff's opinions and feedback in a systematic way for continuous improvement. The survey facilitates the Highways Department to (i) obtain an overall assessment on the level of staff satisfaction in various work-related aspects as well as their perception of the Highways Department as a caring organisation; (ii) to gauge staff's sentiment and views on various Human Resources Management dimensions and the Vision and Mission of the Highways Department; 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.

Enhancement measures arising from the survey continued to be implemented in 2019. Examples include organising team building activities to enhance the working morale, inter-personal relationship and cooperation among colleagues and customised training to suit for their operational needs.



Team building activities



Customised training programme



## The Industry

### Environmental Promotion Campaign on Construction Site

We joined hands with our contractors to take proactive actions in improving our environmental performance on sites. To this, promotion of the awareness and commitments of all stakeholders play an important role. Therefore, we fully supported our contractors to participate in various environmental promotion campaigns and activities both internationally and locally.

Since 2013, the United Nations Sustainable Development Goals and the World Green Organisation (WGO) initiated a programme, namely Green Office Awards Labelling Scheme, to encourage offices and retailers to adopt green practice in their offices based on WGO's guidelines. The Scheme awards offices which implement green workplace practices in operations. In 2019, the office of Contract No. HY/2014/20 - Central Kowloon Route-Yau Ma Tei West was awarded the Green Office and Eco-healthy Workplace Label for their efforts in "go green" in the site office.

The Hong Kong Awards for Environmental Excellence is a well-recognised campaign organised by the Environmental Campaign Committee, EPD and other organisations. The Wastewi\$e Label of the Awards was granted to well-performed contractors in recognition of their efforts in adopting measures to reduce the amount of waste generated. In 2019, Contract No. HY/2014/09 was awarded the "Class of Good" in the Wastewi\$e Label in recognition of the effort in waste reduction of the contractor.

Hong Kong Green Awards organised by the Green Council is another prominent environmental awards in the industry which recognise companies with exceptional performance on green management and notable contribution to sustainable development. In 2019, our Contract No. HY/2014/20 was awarded Silver Grade in the category of Green Management Award - Project Management (Large Corporation), while another Contract No. HY/2014/08 was awarded Bronze Grade in the same category.



Awards won by Contract No. HY/2014/20

### Construction Industry Caring Organisations Scheme

We continued the longstanding support to corporate social responsibility initiatives. In 2019, we joined the Construction Industry Caring Organisations Scheme under the Construction Industry Council.

The Construction Industry Caring Organisations Scheme recognises our commitment in "Serving the Industry" and "Serving the Community" in the past three years.



The Construction Industry Caring Organisations Scheme Logo

## The General Public

We continued to organize a wide range of activities in 2019 to maintain close ties with the community. Through these activities, we aimed to promote neighbourliness and collect opinions for continuous improvement. We also took the opportunities to publicize project details in particular the environmental benefits of the projects, and share technical knowledge including innovative construction methods and sustainable measures adopted in work sites.

### Community Outreaching



Community planting day with primary schools



School talks for students



“Young Concrete Engineers” workshop



Meal delivery for the needy elderly



Hoarding drawing competition



Visit for children from the Muslim Prayer Hall



## Public Consultation



Community Liaison Group meetings



Consultation with district councillors



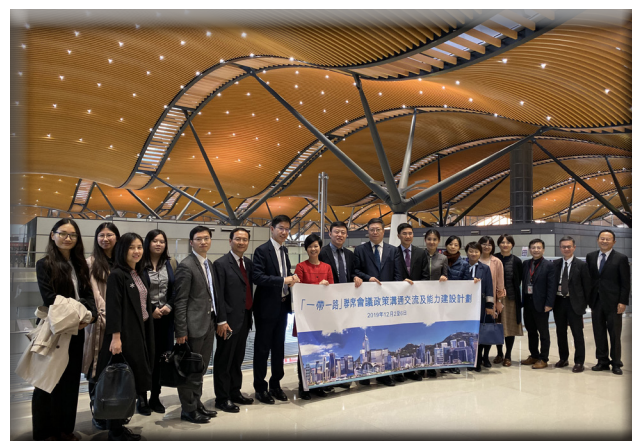
Lobbying with nearby stakeholders



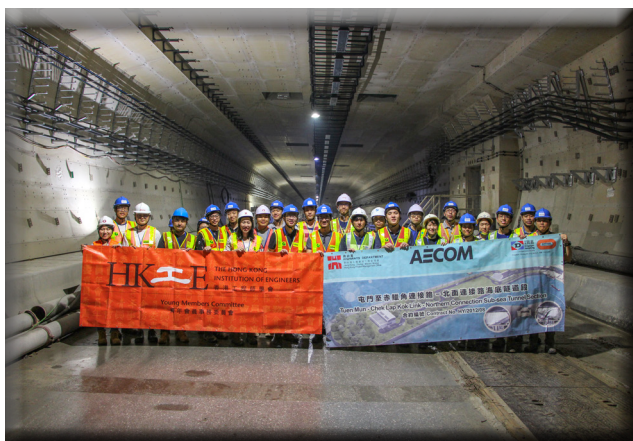
## Connection with Outside Parties



Site visit by CEO of Office of Projects Victoria,  
Australian Government



Site visit by Mainland ministries



Site visit by the Hong Kong Institution of  
Engineers (HKIE)



Site visit by the Chartered Institution of  
Highways and Transportation (HK)



Site visit by district councillors



Construction Innovation Expo 2019



## Project Newsletter

**中九龍幹線**  
Central Kowloon Route

**通訊 35**  
Issue No. 35  
二零一九年九月 Sep 2019

第三十五期中九龍幹線通訊  
Issue No. 35 - Central Kowloon Route (CKR) Newsletter

**中九龍幹線中環段建造工程**  
Simulated construction image of Central Tunnel of CKR

**編者的話**  
隨著中九龍幹線第六份合約 – 中環段的展開，中九龍幹線建造工程正全線進行。

**焦點**  
■ 中環段工程 – 海底隧道建造工程

位於九龍全長約370米的海底隧道連接馬角及啟德發展區，海底隧道工程分為兩階段，第一階段工程於啟德發展區對開的海底興建約155米長的海底隧道，而第二階段工程則於馬角對開興建約215米長的海底隧道。

於項目動工和初步設計階段，路政署曾探討多個替代方案，包括不涉及海底隧道的全陸地方案，然而，這些方案會經過土瓜灣一帶的私人樓宇，建造工程需涉及土地收回及拆卸部分私人樓宇，現期的海底隧道方案則不涉及土地收回及拆卸私人樓宇，而且受影響的海面範圍亦甚小，因而得以採用。

路政署亦曾考慮多個香港常用海底隧道方法的可行性，包括沉箱式隧道、鑽挖式隧道及明挖回填式隧道，並根據埋深限制、對環境影響及對公眾影響等因素進行考慮，最後發現鑽挖式隧道，配合明挖回填方法，是興建中九龍幹線九龍段海底隧道最合適、最可行及最安全的建造方法。

**Words of Editor**  
With the commencement of the sixth CKR contract – Central Tunnel, the CKR construction is in full swing.

**Focus**  
■ Kai Tak West Contract – Underwater Tunnel Construction Works

A section of 370m long underwater tunnel is being constructed at Kowloon Bay connecting Ma Tau Kok and the Kai Tak Development Area. The underwater tunnel will be constructed in 2 stages. Tunnel sections of approximately 155m length and 215m length will be constructed at Kowloon Bay near Kai Tak Development and Kowloon City Ferry Pier in Stage 1 and Stage 2 respectively.

During the investigation and preliminary design stage, various alternative alignments had been explored, including those inland options which do not involve underwater tunnel. However, these alignments would pass underneath private buildings in Tse Kwa Wan area thus involves land resumption and demolition of some private buildings. The current alignment option was adopted as the underwater tunnel scheme would not involve land resumption and demolition of private buildings, and the extent of affected marine area is minimised.

The Highways Department had also considered different alternative underwater construction methods which had been commonly used in Hong Kong e.g. Immersed Tube Tunnel (ITT), Bored Tunnel and Cut-and-Cover Tunnel. Taking into account the site constraints, environmental impacts and disturbance to the public, it is considered that the cut-and-cover method inside temporary cofferdam is the most suitable, practicable and safe method for the construction of the CKR underwater tunnel at Kowloon Bay.

## The Central Kowloon Route

**粉嶺公路擴闊工程**  
HIGHWAYS DEPARTMENT  
Major Works Project Management Office

**簡訊 Newsletter**  
Issue 27  
October 2019

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 Shek Interchange

歡迎訂閱第二十七期簡訊。此簡訊包含第二期合約進行之工程，在進行中，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。

**工程特寫 Works Feature Highlight**  
粉嶺公路擴闊工程雙程四線工程

泰亨至和合石交匯處之間的粉嶺公路，於2019年8月25日開通雙程四線工程，標誌粉嶺公路擴闊工程的一個里程碑。

為舒緩現時粉嶺公路的交通擠塞情況，以及應付未來的交通增長，路政署於2013年7月展開粉嶺公路第二期擴闊工程，將泰亨至和合石交匯處一段總長約三公里的粉嶺公路，由雙程三線行車道擴闊為雙程四線行車道以及加建路肩。

工程期間面對多項挑戰，包括施工地點鄰近民居及鐵路，地下公用設施繁多及複雜，工作環境狹窄及交通流量大等，大大增加了工程的難度。然而，工程團隊以積極及專業的態度，與各持份者保持良好溝通，並考慮各項因素，仔細規劃每一項工作，力求在加快工程進度之餘，盡量減低對交通及附近居民的影響，有幸最終趕及在2019年9月新學年開始前順利開通雙程四線工程。

當然粉嶺公路擴闊工程得以順利進行，除了工程團隊的努力外，也有賴附近居民和商戶的支持、體諒及合作。

**Commission of Fanling Highway dual four-lane carriageway**

The dual 4 lane carriageway of Fanling Highway between Tai Hang and Wo Hop Shek Interchange was commissioned on 25 August 2019 which marked a milestone for Fanling Highway widening project.

To alleviate the current traffic congestion and cope with the predicted traffic flow of Fanling Highway, Highways Department commenced stage 2 widening works of Fanling Highway in July 2013 to widen the section of Fanling Highway between Tai Hang and Wo Hop Shek Interchange from the existing dual 3-lane carriageway to a dual 4-lane carriageway with standard hard shoulder on both directions.

The project faced a number of arduous challenges, including works areas in the vicinity of dwelling houses and a live rail line, complex underground public utilities facilities, limited working spaces available and heavy traffic of the highway, etc., which have inevitably complicated the works. Nevertheless, our project team has communicated proactively and professionally with all stakeholders with an aim to achieving maximum productivity with minimum disturbances on traffic and residents through holistic planning and conscientious implementation of the works.

With the support and understanding of nearby residents and business units, the Fanling Highway widening works have been carried out safely and smoothly, and the dual 4-lane carriageway was commissioned on time before the new school term in September 2019.

第二十七期簡訊  
Newsletter No. 27 P.1

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

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

**中環及灣仔繞道和東區走廊連接路開通了!**  
The Central - Wan Chai Bypass and Island Eastern Corridor Link is Commissioned!

全長4.5公里的中環及灣仔繞道和東區走廊連接路（下稱「繞道」）工程於2009年年底展開。工程團隊經過多年努力，克服無數困難和挑戰，終於讓繞道可於2019年1月20日進行第一階段通車，並於2019年2月24日達成全線開通！今期通訊將為大家報導通車典禮現場盛況，並會詳盡介紹在通車之前為這項新落成基建特別籌劃的一連串活動，包括「東區排風口開通儀式」、「公益金五十週年百萬元」、「立法會及區議會工地參觀」及推出「繞道駕駛指南」。

The construction works of the 4.5km long Central - Wan Chai Bypass and Island Eastern Corridor Link (CWB) project began in end 2009. After years of hard work, the project team has overcome countless difficulties and challenges and finally enabled the CWB to accomplish Stage 1 Commissioning on 20 January 2019 and Full Commissioning on 24 February 2019. In this issue, we would report the details of the Commissioning Ceremony, as well as a series of events tailor made for the new infrastructure, namely "East Vent Shaft Switch-On Ceremony", "The Community Chest 50th Anniversary Walk for Millions", "Legislative Council ("LegCo") and District Councils' Visits to the CWB Works Site" and launching of "CWB Driving Guide".

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

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

**通車典禮**  
Commissioning Ceremony  
19.01.2019

為慶祝繞道通車，路政署於2019年1月19日舉行了簡單而隆重的通車典禮。而繞道亦於翌日正式進行第一階段通車。

出席儀式的嘉賓眾多，包括行政長官林鄭月娥、運輸及房屋局局長陳豪、路政署署長陳漢明，以及一眾行政會議成員、立法會議員、區議員、顧問公司代表及承建商代表。典禮開始時，一眾嘉賓由天后清晨街入口進入繞道的主隧道，率先乘坐觀光巴士體驗繞道帶來的方便快捷。巴士在數分鐘內直抵中環，並於中環的繞道出口順利「重慶」。

整個行程暢通便捷，展現了繞道的效益。在行政長官致辭後，一眾嘉賓為繞道進行拉桿儀式，象徵繞道正式通車。港島區交通網絡從此邁向新里程。

To celebrate the commissioning of the CWB, the Highways Department held a Commissioning Ceremony on 19 January 2019. The CWB accomplished Stage 1 Commissioning on the next day. Numerous guests attended the Ceremony, including the Chief Executive, Mrs Carrie Lam, the Secretary for Transport and Housing, Mr Frank Chan, the Director of Highways, Mr Jimmy Chan, as well as members of the Executive Council, Legislative Council ("LegCo") and District Councils, representatives of the consultant and contractors.

At the beginning of the Ceremony, the officiating guests took the lead to experience the convenience brought by the CWB. They entered the CWB main tunnel via Tin Hau Tsing Fung Street Entrance and boarded on a sightseeing bus. In just a few minutes, the bus reached Central and successfully crossed the "finishing line" at the Central Tunnel Portal. The whole journey was quick and smooth, which showcased the benefits of the CWB. After the keynote speech delivered by the Chief Executive, the officiating guests conducted the bar-pulling ceremony, which signified the CWB's commissioning. Since then, the road network on the northern shore of Hong Kong Island had entered a new era.

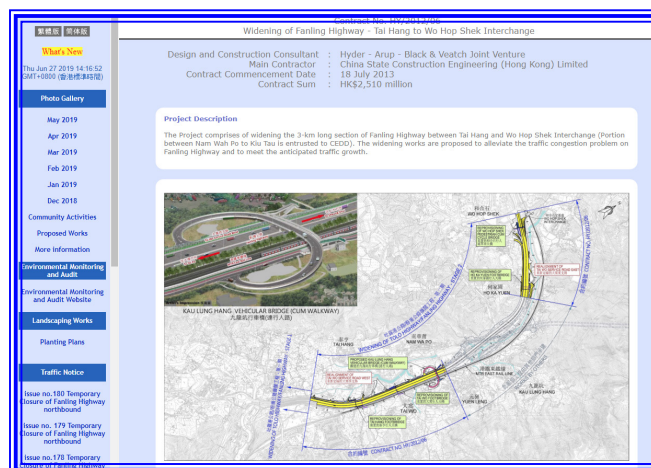


## Project Website



## The Central Kowloon Route

(<http://www.ckr-hyd.hk/home/index.html>)

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

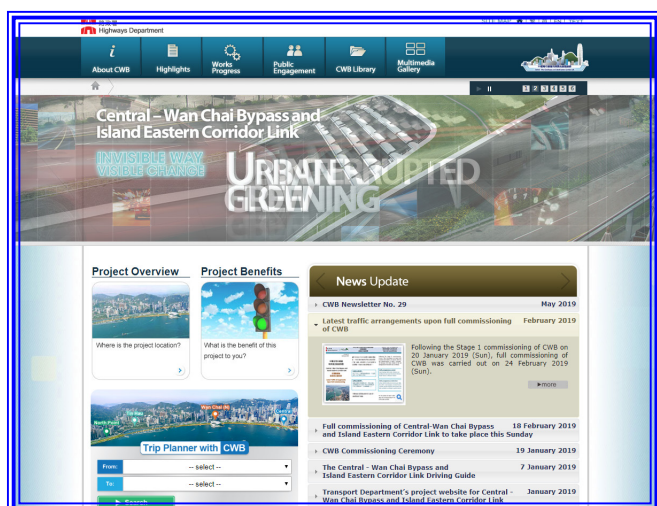
(<http://toloc3.com.hk/en>)

Hong Kong-Zhuhai-Macao Bridge Related  
Hong Kong Projects

(<http://hzmh.hk/eng/index.html>)

Road Improvement Works in West  
Kowloon Reclamation Development

([http://www.hy-201317.hk/Main\\_ENG.html](http://www.hy-201317.hk/Main_ENG.html))

Central-Wan Chai Bypass and  
Island Eastern Corridor Link

(<http://www.cwb-hyd.hk/en/>)

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

(<http://www.hy201416.com.hk/>)