

**Replies to questions raised by Finance Committee Members in  
Examining the Estimates of Expenditure 2013-14  
Controlling Officer : Director of Civil Engineering and Development**

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<b>HAB104</b>	0422	CHUNG Shu-kun, Christopher	33	Port and Marine Facilities
<b>HAB217</b>	2333	FAN Kwok-wai, Gary	705	—
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<b>THB(T)193</b>	4941	FAN Kwok-wai, Gary	33	Provision of Land and Infrastructure
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<b>Supplementary Question Reply Serial No.</b>	<b>Question Serial No.</b>	<b>Name of Member</b>	<b>Head</b>	<b>Programme</b>
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**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**CEDB(CIT)256**

Question Serial No.

2195

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (1) Tourism and Recreational Development

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Commerce and Economic Development

Question:

Upon the completion of the improvement works to promenades of the Aberdeen Harbour and Ap Lei Chau Main Street area, will the Administration allocate resources to attract more tourists? Also, as the Administration will provide a public landing facility in the Lei Yue Mun Area, will there be any supporting transport arrangement upon the completion of works? How many more visitors are expected to be attracted to Lei Yue Mun? What is the expected percentage of tourists visiting Lei Yue Mun will switch from land to maritime transport?

Asked by: Hon. YIU Si-wing

Reply:

The Aberdeen Tourism Project will be completed from now to 2014 by phases. In line with work progress, the Hong Kong Tourism Board (HKTB) will carry out publicity to promote the local characteristics of Aberdeen. Meanwhile, the Southern District Council will also promote the tourism characteristics of the Southern district from the district level.

Currently, Lei Yue Mun (LYM) is accessible by road and by sea. Road transport is supported by the MTR and two major roads, namely LYM Road and Cha Kwo Ling Road. There are seven car parks and on-street parking spaces which provide parking spaces for car and coaches. Arrival by sea is mainly through public landing step in the vicinity of Sam Ka Tsuen ferry pier.

It takes a walk of 10 minutes after dropping-off by road or by sea transport to the seafood restaurants located in the LYM village. The proposed new landing facility will provide a more direct access to the seafood restaurants, which helps sustain and enhance the attractiveness of the LYM area as a tourist spot.

HKTB envisages that with the provision of the new landing facilities, the number of visitors would increase from the present 3 000 per month to around 6 000 per month. At this stage, HKTB is unable to assess the proportion of visitors to LYM by sea or by road.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 27 March 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)125**

Question Serial No.

0083

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the indicators of the performance measures of the above programme, the Administration expects that the area of land formed in 2013 will be 18 hectares less as compared with 2012, a decrease of about 53%, and at the same period the length of roads constructed/widened for development will also be reduced. What are the reasons? Is this contradictory to the expansion of land reserve as mentioned in the Financial Secretary's budget speech? Besides, the estimated value and construction expenditures of land formation and infrastructure in 2013 will be more than the actual expenditure in 2012. What are the reasons?

Asked by: Hon. CHAN Hak-kan

Reply:

The amount of land formed and road constructed/widened vary each year according to the progress and phasing of on-going infrastructure projects. This bears no direct relationship with the expansion of land reserve. The area of land formed and length of road constructed/widened by the Civil Engineering and Development Department in 2013 are expected to be less than those of 2012 mainly because some major projects involving land formation and engineering infrastructure works such as Central Reclamation Phase III and Tseung Kwan O Further Development had been substantially completed in 2012. The major on-going projects contributing to land formation and road construction/widening in 2013 are the Development at Anderson Road, infrastructure works in Tuen Mun Area 54 and Kai Tak Development, and the cycle track network between Sheung Shui and Ma On Shan.

The increases in the value of land formation and infrastructure projects and the expenditure on construction works in 2013 are mainly due to the anticipated commencement of the detailed design of some major projects including the Tseung Kwan O – Lam Tin Tunnel, and the public infrastructure works to support the West Kowloon Cultural District development. Major construction works packages associated with the Kai Tak Development and Wan Chai Development Phase II, as well as the site formation and

infrastructure works for the Liantang/Heung Yuen Wai Boundary Control Point are also planned to commence in 2013.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)126**

Question Serial No.

1711

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

- (a) The Government stated that it will continue the planning and engineering studies on Hung Shui Kiu New Development Area in 2013-14. Will the Government advise what are the present progress, implementation programme, and administrative expenditure involved in the above work?
- (b) The Government stated that it will continue the studies on the development of potential housing sites in Yuen Long District. Will the Government advise what are the present progress, implementation programme, and administrative expenditure involved in the above work?

Asked by: Hon. LEUNG Che-cheung

Reply:

- (a) The Hung Shui Kiu New Development Area (HSK NDA) Planning and Engineering Study commenced in August 2011 and is currently scheduled for completion around end 2014. Based on the comments received in the Stage 1 Community Engagement (CE) exercise completed in February 2012, we are formulating the Preliminary Outline Development Plan (PODP) taking into account also various technical assessments. We plan to commence the Stage 2 CE exercise to consult the public and stakeholders concerned on the PODP in the third quarter of 2013. The approved project estimate for the study is \$70.4 million, and the estimated expenditure in 2013-14 is about \$16 million.
- (b) The Planning and Engineering Study for Housing Sites in Yuen Long South commenced in November 2012 and is currently scheduled for completion in mid-2015. Technical assessments are underway for formulating initial development options. We plan to commence the Stage 1 CE exercise for the Study in the second quarter of 2013. The approved project estimate for the study is \$49.5 million, and the estimated expenditure in 2013-14 is about \$11 million.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)127**

Question Serial No.

1726

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In Programme (3), how many infrastructure project items related to residential development were commenced in each of the recent three years (i.e. 2010-11 to 2012-13) respectively? Among them, how many project items were not completed on schedule or were over budget? What are the reasons of the delay and overruns respectively?

Asked by: Hon. LEUNG Che-cheung

Reply:

The number of infrastructure projects specifically related to residential development newly started under Programme (3) in the recent three financial years are as follows –

<b>Year</b>	<b>No. of projects newly started</b>
2010-11	0
2011-12	4
2012-13	3

At this juncture, all projects are progressing on schedule and within budget.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)128**

Question Serial No.

1799

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In Matters Requiring Special Attention in 2013-14 under Programme (3), it mentioned several works items related to the Islands District. Please advise the progress of work and completion dates of the following works items:

- a. The planning and engineering study on the extension of the Tung Chung New Town
- b. The construction of phase 1 improvement works and the remaining improvement works at Tai O
- c. The construction of phase 1 improvement works at Mui Wo
- d. The planning and preliminary design of the land formation and engineering infrastructure works for phase 2 development at Yung Shue Wan

Asked by: Hon. LEUNG Che-cheung

Reply:

- a. The planning and engineering study on the extension of the Tung Chung New Town commenced in January 2012. The Stage 1 Public Engagement (PE) was completed in August 2012. We are preparing development options prior to the Stage 2 PE which is planned to start around mid-2013. The study is currently scheduled for completion by 2015.
- b. The implementation of Phase 1 improvement works at Tai O is in good progress for substantial completion in the first quarter of 2013. We are undertaking the detailed design for the remaining improvement works and will continue to engage Tai O residents for implementing the works in phases.

- c. Funding application and preparation of tender documents for the implementation of Phase 1 improvement works at Mui Wo are in progress. We plan to commence the construction works in the third quarter of 2013 for completion in end 2015.
- d. We are reviewing the scope and preliminary design of the Yung Shue Wan Phase 2 development project. Further public consultation will be carried out during the review process.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)129**

Question Serial No.

2600

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In 2013-2014 financial year, the estimated area of land formed is 16.5 hectares, which is 18.1 hectares less than last year. However, the estimated expenditure under Programme (3) is 8.1% more than the original estimate last year. Please inform this Committee of the breakdown of expenditure on the land formed under Programme (3) in the past six years (i.e. 2007-2008 financial year to 2012-2013 financial year) and explain why the area of land formed has decreased while the estimated expenditure increased?

Asked by: Hon. MA Fung-kwok

Reply:

Expenditures on construction works for land formation and infrastructure in the past six years are as follows:

	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Expenditure (\$million)	1,711.3	1,844.9	2,527.5	3,895.2	3,954.1	3,393.9

Since the land formation and associated infrastructures are carried out together under our construction contracts, we do not have separate expenditure figures on land formation alone. The amount of land formed varies each year according to the progress and phasing of on-going infrastructure projects. The area of land formed by the Civil Engineering and Development Department in 2013 is expected to be less than that of 2012 mainly because some major projects involving land formation and engineering infrastructure works such as Central Reclamation Phase III and Tseung Kwan O Further Development had been substantially completed in 2012. The estimated increase in the expenditure of land formation and infrastructure projects in 2013 is mainly due to the anticipated commencement of major construction works packages associated with the Kai Tak Development and Wan Chai Development Phase II, as well as the site formation and infrastructure works for the Liantang/Heung Yuen Wai Boundary Control Point.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)130**

Question Serial No.

0309

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the indicators of Programme (3) Provision of Land and Infrastructure, the estimated area of land formed in 2013 will substantially drop as compared with the past two years, i.e. from 23.1 hectares (ha) in 2011 and 34.6 ha in 2012 to the estimated 16.5 ha in 2013. The road constructed/widened for development will significantly decrease from 9 031 metres (m) in 2012 to the estimated 3 993 m in 2013. Will the Government advise:

- (a) What are the reasons for the estimated decrease in land formed in 2013?
- (b) Where are the locations of estimated site formation in 2013? Please give the details.
- (c) What are the reasons for the decrease in estimated road constructed/widened for development?

Asked by: Hon. TANG Ka-piu

Reply:

- (a) and (c) The amount of land formed and road constructed/widened vary each year according to the progress and phasing of on-going infrastructure projects. The area of land formed and length of road constructed/widened by the Civil Engineering and Development Department (CEDD) in 2013 are expected to be less than those of 2012 mainly because the major on-going projects involving land formation and engineering infrastructure works such as Central Reclamation Phase III and Tseung Kwan O Further Development had been substantially completed in 2012.

- (b) The construction works projects managed by the CEDD contributing to land formation in 2013 are as follows:

<b>Name of Project</b>	<b>Estimated Area of Land Formed</b>
Development at Anderson Road	11.8 ha
Area 54, Tuen Mun	4.2 ha
Wan Chai Development Phase II	0.5 ha
Total	16.5 ha

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)131**

Question Serial No.

2229

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the work under this Programme, will this Committee be informed that:

Why the estimated “area of land formed” and “road constructed/widened for development” in 2013 are substantially less than those in 2012 and 2011?

Asked by: Hon. WU Chi-wai

Reply:

The amount of land formed and roads constructed/widened varies each year according to the progress and phasing of the on-going infrastructure projects. The area of land formed and the length of roads constructed/widened by the Civil Engineering and Development Department in 2013 are expected to be less than those of 2011 and 2012 mainly because some major projects involving land formation and engineering infrastructure works, such as Ma On Shan Development, Central Reclamation Phase III and Tseung Kwan O Further Development, had been substantially completed in 2011 and 2012. The major projects contributing to land formation and road construction/widening in 2013 are the Development at Anderson Road, infrastructure works in Tuen Mun Area 54 and Kai Tak Development, and the cycle track network between Sheung Shui and Ma On Shan. These are on-going projects which will be completed in phases in subsequent years.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)300**

Question Serial No.

3731

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (8) Advice on Development Proposals

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the indicators under the above Programme of the Department, please provide information on the following:

a) In 2011 and 2012, how many working days on average were required by the Department to give advice and comments on a town plan and/or planning brief? Will the Department consider formulating criteria for the performance measures for this part of work?

b) The indicator states "town plans, planning briefs, public and private development proposals and planning applications dealt with per post". Which rank(s) of staff does "per post" refer to? What were/will be the actual and estimated numbers of staff responsible for this part of work in 2011, 2012 and 2013 respectively? During the period, what were/will be the public and private development proposals and planning applications actually handled and expected to be dealt with respectively?

Asked by: Hon. CHAN Hak-kan

Reply:

The time spent on providing comments and advice on the examination of town plans, planning briefs, public and private development proposals and planning applications varies from case to case depending on the complexity of each case. Many of them might also involve meetings and liaison with the relevant parties. We have not kept records on the actual time spent on each of the cases.

The Civil Engineering and Development Department deploys a total of 42 staff to the entire Programme of providing advice on development proposals and their ranks range from professional, technical, clerical to other supporting staff. The indicator "town plans, planning briefs, public and private development proposals and planning applications dealt with per post" thus only serves as a measure of the workload per staff and reflects the average number of plans, briefs, proposals and applications handled by each of the 42 staff.

As the work could not be quantified given its nature, we have no plan to formulate any other quantitative method for measuring the performance of this Programme.

From 2011 to 2012, there was no change in the staff establishment in this Programme which remains to be 42 and is expected to be the same in 2013.

The estimated and actual number of cases handled in 2011 and 2012, and the estimated number of cases to be dealt with in 2013 are listed below :

<b>Year</b>	<b>2011</b>		<b>2012</b>		<b>2013</b>
	<b>Estimate</b>	<b>Actual</b>	<b>Estimate</b>	<b>Actual</b>	<b>Estimate</b>
Number of public and private development proposals and planning applications examined	1 845	2 006	1 974	2 374	2 013

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 10 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(PL)301**

Question Serial No.

5448

Head: 33 Civil Engineering and Development Department      Subhead (No. & title): 000 Operational Expenses

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

For the department concerned, what is the number of staff to be responsible for the North East New Territories development project and the related expenditure in the coming year?

Asked by: Hon. LEUNG Kwok-hung

Reply:

In the Civil Engineering and Development Department, six professional staff are deployed to manage the North East New Territories New Development Areas project in 2013-14. The estimated expenditure for the professional staff in 2013-14 is about \$5.1 million. In addition, there are some supporting staff providing technical and clerical services and there is no separate breakdown for the expenditure involved.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 12.4.2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)074**

Question Serial No.

2779

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the rock caverns development investigation and feasibility study, can the Government inform this Committee of the expected time required for the investigation and study? What are the expenditures incurred in the study stage? What are the estimated expenditures before the completion of the whole study?

Asked by: Hon. CHAN Chi-chuen

Reply:

The Civil Engineering and Development Department (CEDD) commenced a consultancy study on enhancing land supply by reclamation outside Victoria Harbour and rock cavern development in July 2011 for completion by end 2013. The total expenditure incurred for the study in 2011-12 and 2012-13 is about \$20.6 million against the estimated cost for the whole study of about \$27.9 million. As the study covers both reclamation outside Victoria Harbour and rock cavern development, we do not have a separate cost breakdown for the two initiatives.

CEDD also commenced another consultancy study on long-term strategy for cavern development in September 2012 for completion in around end 2015. The expenditure incurred for the study in 2012-13 is about \$3.2 million against the estimated cost for the whole study of about \$40.4 million.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)075**

Question Serial No.

0085

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (5) Greening and Technical Services

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the development of the Greening Master Plan (GMP)s, please advise:

- (a) in the past three years (i.e. 2010-11 to 2012-13), what was the additional greening area in each of the 18 districts in Hong Kong?
- (b) what is the progress of development of the Greening Master Plan (GMP)s in the Southeast New Territories (NT) and Northeast NT, including the dates of completion of consultant studies, government internal deliberations, commencement of GMPs drafting, completion of GMPs drafting, commencement and completion of construction works respectively? What are the estimated expenditures of the above work?

Asked by: Hon. CHAN Hak-kan

Reply:

- (a) About 9 hectares (ha) of new greening area have been completed in the past three years under the GMP, with breakdown as follows: Central & Western District (0.2 ha), Southern District (0.6 ha), Eastern District (1 ha), Sham Shui Po (1.4 ha), Kowloon City (1.2 ha), Wong Tai Sin (1.2 ha) and Kwun Tong (3.4 ha).
- (b) The consultancy studies for the formulation of GMPs for Southeast NT (covering Sha Tin and Sai Kung) commenced in May 2011 for completion by end 2013. We have submitted the draft GMPs to the relevant District Councils for discussion in March 2013. The consultancy studies for the formulation of GMPs for Northeast NT (covering Tai Po and North District) commenced in February 2012 for completion by mid 2014. The draft GMPs are under preparation and expected to be available in the second half of 2013. We will determine the timetable for implementing the recommended greening works after the GMPs are formulated. The construction works would take about 2 to 3 years.

The estimated expenditures for the formulation of the Southeast NT and Northeast NT GMPs are about \$19 million and \$17 million respectively. The estimated expenditure for the construction of the greening works will be worked out after the detailed design is completed.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)076**

Question Serial No.

0087

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (4) Slope Safety and Geotechnical Standards

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

As the Administration is actively identifying land for building domestic premises, has the Department reserved funds to conduct studies this year (i.e. 2013-2014) on the number of slopes that can be used for building domestic premises throughout the territory? What are the funds and manpower involved respectively?

Asked by: Hon. CHAN Hak-kan

Reply:

The Government is taking a multi-pronged approach to increase land supply in the short, medium and long terms through various initiatives including land use reviews and planning and engineering studies. Where slopes are involved in these reviews/ studies as well as the use of specific sites, the Department will continue to make use of its existing resources to provide the relevant bureaux and departments with geotechnical input, including that in the slope safety aspects. Against the above, no specific studies have been planned for nor funds reserved by the Department in the financial year (2013-2014) in relation to the use of slopes for building domestic premises.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)077**

Question Serial No.

3012

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure)

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the construction works of the cycle network between Sheung Shui and Ma On Shan, please advise:

- a) the progress of works and when will the various sections be expected to complete?
- b) upon completion, what is the estimated bicycle flow of the above cycle track?
- c) has provision been allocated this year (i.e. 2013-14) for improving and enhancing the facilities and design of the existing cycle tracks?
- d) has provision been allocated for setting up cycle parking areas at public transport interchanges in major districts to facilitate the use of bicycles as a means of feeder transport by the residents?

Asked by: Hon. CHAN Hak-kan

Reply:

- (a) The cycle track network between Sheung Shui and Ma On Shan is currently under construction and is expected to be substantially completed by end 2013.
- (b) As the cycle track network is mainly provided for recreational purposes, unlike the road traffic forecast, no estimation on the bicycle flow has been made.
- (c) The provision for construction of the cycle track network between Sheung Shui and Ma On Shan in 2013-14 is \$29.2 million among which about \$5 million will be expended for the improvement and enhancement of existing facilities such as widening of cycle tracks, signage enhancement and provision of resting stations.

- (d) Cycle track facilities are mainly provided for recreational purposes. Nevertheless, to facilitate cyclists' access to/from neighbouring public transport facilities, provision has been included in the project for providing cycle parking spaces at the two entry/exit hubs at Sha Tin and Sheung Shui, as well as at the four resting stations along the cycle track network in Tong Hang in Fanling, Mui Shue Hang in Tai Po, Tai Shui Hang and Nai Chung in Ma On Shan.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)078**

Question Serial No.

1687

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

The Administration has indicated in paragraph 94 of the budget speech that it will plan to seek funding approval this year to commence the construction works of part of the Sheung Shui - Yuen Long section of the cycle track.

- (1) Will the Administration inform this Committee when it will seek the funding approval?
- (2) What are the detailed route and length of the above cycle track?

Asked by: Hon. CHAN Wai-yip, Albert

Reply:

We plan to seek funding approval for the cycle track project from the Legislative Council Finance Committee in mid 2013. The scope of the project comprises:

- (i) construction of new cycle tracks along Kam Tin River, Sheung Yue River and Shek Sheung River, totalling about 2.5km;
- (ii) construction of three hubs and five resting stations along the existing or new cycle tracks in Tuen Mun, Tin Shui Wai, Yuen Long and Sheung Shui; and
- (iii) improvement works to various sections of the existing cycle tracks in Tuen Mun, Yuen Long and Tin Shui Wai, totalling about 4.5km.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)079**

Question Serial No.

1688

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In matters requiring special attention in 2013-14, the Administration has indicated that it will “continue the investigation and design for several sections of the comprehensive cycle track in the New Territories”. Will the Administration inform this Committee:

- (1) What are the sections involved in the investigation and design work mentioned above?
- (2) What are the expected completion dates of the investigation and design work for such sections?

Asked by: Hon. CHAN Wai-yip, Albert

Reply:

The comprehensive cycle track network in the New Territories, at a total length of 82 kilometres, is made up of mainly two sections, viz (i) Tuen Mun – Ma On Shan section which starts from Tuen Mun in the west and connects via Yuen Long, Sheung Shui, Fanling, Tai Po and Sha Tin to Ma On Shan in the east; and (ii) Tsuen Wan – Tuen Mun section. We plan to implement the cycle track network in phases to enable early enjoyment of the facilities by the public. The expected completion dates of the investigation and design for the relevant sections of the network are as follows :-

<b>Section</b>	<b>Sub-Section</b>	<b>Expected completion date of investigation/ design</b>
Tuen Mun – Sheung Shui	Tuen Mun to Sheung Shui – Stage 1	Mid 2013 (detailed design completion)
	Tuen Mun to Sheung Shui – Remaining Works	In phases from mid 2014 (detailed design completion)
Tsuen Wan – Tuen Mun	Tsuen Wan to Tuen Mun – Advance Works and Stage 1	In phases from mid 2014 (detailed design completion)
	Tsuen Wan to Tuen Mun – Stage 2	Early 2015 (alignment review completion)

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)080**

Question Serial No.

3211

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding "Reclamation outside Victoria Harbour" study project, please advise:

- a. When will the "Reclamation outside Victoria Harbour" study project start?
- b. How much is the estimated expenditure on the "Reclamation outside Victoria Harbour" project this year (i.e. 2013-14)? Is there any fund set aside for the consultation expenditure? How much is the budget? Please reply in the form of the following table.

Location of Study	Project Expenditure	Expected no. of Consultation	Consultation Expenditure
Reclamation outside Victoria Harbour			

- c. What is the distribution of estimated expenditures on the "Reclamation outside Victoria Harbour" project this year?
- d. What is the estimated expenditure on engaging consultant(s) for the "Reclamation outside Victoria Harbour" this year? Please reply in the form of the following table.

Year	Company Names	Consultation Expenditure
2013-14 (estimated)		

- e. Is there any time table for the "Reclamation outside Victoria Harbour" study project? If yes, please provide the details.
- f. Who leads the "Reclamation outside Victoria Harbour" study project? What is the staff establishment?

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

- a. The Civil Engineering and Development Department (CEDD) commenced a consultancy study on enhancing land supply by reclamation outside Victoria Harbour and rock cavern development (the Study) in July 2011. The Stage 2 public engagement (PE2) of the potential reclamation sites outside Victoria Harbour and rock cavern developments was launched on 21 March 2013.
- b & c. The details of the further feasibility studies including the estimated expenditure for the potential reclamation sites will be determined after the completion of the PE2 in June 2013. The expenditures for the studies in 2013-14 have yet to be determined.
- d. As the Study covers both reclamation outside Victoria Harbour and rock cavern development, we do not have separate cost breakdown for the two initiatives. The estimated expenditure on engaging consultant is as follows:

Year	Company Name	Study Expenditure Inclusive of Public Consultation (Reclamation & Cavern)	Public Consultation Expenditure Only (Reclamation & Cavern)
2013-14 (estimated)	Ove Arup & Partners Hong Kong Ltd	\$6.5 million	\$3.1 million <sup>Note</sup>

Note: Another \$0.8 million is expected to be paid to others on venue rental, exhibition material, etc.

- e. The Stage 1 PE of the Study was conducted between November 2011 and March 2012. The PE2 on the potential reclamation and rock cavern development sites commenced in March 2013 for completion in June 2013. The Study is scheduled for completion in 2014.
- f. The CEDD leads the Study and deploys an average of two senior engineers and four engineers for the Study in 2012-13.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)081**

Question Serial No.

3212

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding "Development of Caverns" study project, please advise:

a. When will the "Development of Caverns" study project start?

b. How much is the estimated expenditure on the "Development of Caverns" project this year (i.e. 2013-14)? Is there any fund set aside for the consultation expenditure? How much is the budget? Please reply in the form of the following table.

Location of Study	Project Expenditure	Expected no. of Consultation	Consultation Expenditure
Development of Caverns			

c. What is the distribution of estimated expenditures on the "Development of Caverns" project this year?

d. What is the estimated expenditure on engaging consultant(s) for the "Development of Caverns" this year? Please reply in the form of the following table.

Year	Company Names	Consultation Expenditure
2013-14 (estimated)		

e. Is there any time table for the "Development of Caverns" study project? If yes, please provide the details.

f. Who leads the "Development of Caverns" study project? What is the staff establishment?

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

- a. The Civil Engineering and Development Department (CEDD) commenced a consultancy study on enhancing land supply by reclamation outside Victoria Harbour and rock cavern development (the Study) in July 2011. The Stage 2 public engagement (PE2) of the potential rock cavern developments and reclamation sites outside Victoria Harbour was launched on 21 March 2013.
- b&c. The details of the further feasibility studies including the estimated expenditure for the potential rock cavern developments will be determined after the completion of the PE2 in June 2013. The expenditures for the studies in 2013-14 have yet to be determined.
- d. As the Study covers both reclamation outside Victoria Harbour and rock cavern development, we do not have a separate cost breakdown for the two initiatives. The estimated expenditure on engaging consultant is as follows:

Year	Company Name	Study Expenditure Inclusive of Public Consultation (Reclamation & Cavern)	Public Consultation Expenditure Only (Reclamation & Cavern)
2013-14 (estimated)	Ove Arup & Partners Hong Kong Ltd	\$6.5 million	\$3.1 million <sup>Note</sup>

Note: Another \$0.8 million is expected to be paid to others on venue rental, exhibition material, etc.

- e. The Stage 1 PE of the Study was conducted between November 2011 and March 2012. The PE2 on the potential reclamation and rock cavern development sites commenced in March 2013 for completion in June 2013. The Study is scheduled for completion in 2014.
- f. The CEDD leads the Study and deploys an average of two senior engineers and four engineers for the Study in 2012-13.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)082**

Question Serial No.

2989

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the Budget Speech, paragraph 99 states, "I shall allocate \$4.5 billion in the coming five years (from 2013-14 onwards) to carry out studies and design work and progressively roll out the land development projects relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns." Will the Government inform this Committee the items and locations of the studies and design concerned; the respective commencement dates of the items; details of the expenditures and manpower involved?

Asked by: Hon. FUNG Kin-kee, Frederick

Reply:

The \$4.5 billion referred to in paragraph 99 of the Budget Speech is allocated for carrying out feasibility studies and detailed design and commencing construction works for reclamation outside Victoria Harbour, cavern development and new development areas (NDAs).

For reclamation and cavern development, we plan to conduct feasibility studies of five potential reclamation sites at Lung Kwu Tan, Sunny Bay, Siu Ho Wan, Southwest Tsing Yi and Ma Liu Shui near the estuary of Shing Mun River; a strategic study of the potential of constructing artificial islands in the central waters (i.e. between Lantau Island and Hong Kong Island); and feasibility studies of accommodating various facilities within rock caverns. The Stage 2 public engagement (PE2) for these projects was launched on 21 March 2013. We also plan to conduct a pilot study on underground space development in urban areas of Hong Kong. As these projects are at a preliminary stage and subject to further consultation, the respective commencement dates and details of expenditures and manpower will be determined at later stages of the projects.

For the NDAs, we have so far engaged consultants to undertake planning and engineering studies on the North East New Territories and Hung Shui Kiu NDAs. We are continuing with the relevant studies and will take into account the public views collected during the public engagement exercise in refining the development proposals. The commencement dates and details of expenditures and manpower involved will be determined after the development proposals have been firmed up.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)083**

Question Serial No.

0514

Head: 33 Civil Engineering and  
Development Department

Subhead (No. & title): 000 Operational  
Expenses

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the departmental records management work over the past three years (up to 2012-13):

- (a) Please provide information on the number and rank of officers designated to perform such work. If there is no officer designated for such work, please provide information on the number of officers and the hours of work involved in records management duties, and the other duties they have to undertake in addition to records management;
- (b) Please list in the table below information on programme and administrative records which have been closed pending transfer to the Government Records Service (GRS) for appraisal:

Category of records	Years covered by the records	Number and linear metres of records	Retention period approved by GRS	Are they confidential documents

- (c) Please list in the table below information on programme and administrative records which have been transferred to GRS for retention:

Category of records	Years covered by the records	Number and linear metres of records	Years that the records were transferred to GRS	Retention period approved by GRS	Are they confidential documents

- (d) Please list in the table below information on records which have been approved for destruction by GRS:

Category of records	Years covered by the records	Number and linear metres of records	Years that the records were transferred to GRS	Retention period approved by GRS	Are they confidential documents

Asked by: Hon. HO Sau-lan, Cyd

Reply:

Information on the departmental records management work undertaken by Civil Engineering and Development Department over the past three years (up to 2012-13) is provided below -

(a) Number and rank of designated officers:

There is a Confidential Assistant designated to perform records management work. A number of other officers of different grades including executive, clerical and secretarial are also involved in these duties. However, as records management is only part of their overall duties, we are not able to provide a breakdown of the manpower spent solely on the work.

(b) Information on programme and administrative records which have been closed pending transfer to the Government Records Service (GRS) for appraisal:

Category of records	Years covered by the records	Number and linear metres of records	Retention period approved by GRS	Are they confidential documents
Programme records	1972-2013	No.: 13 560 (678 linear metres)	1-20 years after the records have become inactive	540 out of 13 560 are confidential records
Administrative records	1972-2013	No.: 3 390 (170 linear metres)	3 months-13 years after action completed	130 out of 3 390 are confidential records

(c) Information on programme and administrative records which have been transferred to GRS for retention:

Category of records	Years covered by the records	Number and linear metres of records	Years that the records were transferred to GRS	Retention period approved by GRS	Are they confidential documents
Programme records	1993-2012	No.: 3 082 (135 linear metres)	2010-11, 2011-12, and 2012-13	9-13 years after the records have become inactive	No
Administrative records	1993-2009	No.: 98 (2 linear metres)	2010-11	9 years after action completed	No

(d) Information on records which have been approved for destruction by GRS:

Category of records	Years covered by the records	Number and linear metres of records	Year that approval was granted by GRS	Retention period approved by GRS	Are they confidential documents
Programme records	1947-2005	No.: 13 954 (737 linear meters)	2010-11, 2011-12, and 2012-13	3-7 years after the records have become inactive	76 out of 13 954 are confidential records
Administrative records	1972-2008	No.: 7 664 (326 linear meters)	2010-11, 2011-12, and 2012-13	2-13 years after action completed	47 out of 7 664 are confidential records

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 28 March 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)084**

Question Serial No.

1797

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (5) Greening and Technical Services

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In Programme (5), it is stated in Matters Requiring Special Attention in 2013-14 to “continue to develop greening master plans (GMPs) for the New Territories”.

- (a) what are the progress, completion dates and expenditures involved for the GMPs?
- (b) what are the commencement dates, programmes and expenditures involved for the greening works?

Asked by: Hon. LEUNG Che-cheung

Reply:

(a) The consultancy studies for the formulation of GMPs for Southeast New Territories (NT) (covering Sha Tin and Sai Kung) and Northwest NT (covering Tuen Mun and Yuen Long) commenced in May 2011 for completion by end 2013. We provided the proposed GMPs to the relevant District Councils (DCs) for discussion in February and March 2013. The DCs consulted have indicated support to our proposals. The consultancy studies for the formulation of GMPs for Northeast NT (covering Tai Po and North District) and Southwest NT (covering Tsuen Wan, Kwai Tsing and Islands District) commenced in February 2012 for completion by mid 2014. Draft GMPs are under preparation and expected to be available in the second half of 2013. The total estimated expenditure for the formulation of the NT GMPs are about \$70 million.

(b) We will determine the timetable for implementing the recommended greening works after the GMPs are formulated. The construction works would take about two to three years. The estimated expenditure for the construction of the greening works will be worked out after the detailed design is completed.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)085**

Question Serial No.

1798

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In Programme (3), it is stated in Matters Requiring Special Attention in 2013-14 to “continue the investigation and design for several sections of the comprehensive cycle track in the New Territories”. What are the progress of the cycle tracks in New Territories East and West, the project details and the expenditures involved?

Asked by: Hon. LEUNG Che-cheung

Reply:

The comprehensive cycle track network in the New Territories, at a total length of 82 kilometres, is made up of mainly two sections, viz (i) Tuen Mun – Ma On Shan section which starts from Tuen Mun in the west and connects via Yuen Long, Sheung Shui, Fanling, Tai Po and Sha Tin to Ma On Shan in the east; and (ii) Tsuen Wan – Tuen Mun section. To enable early enjoyment by the public, we plan to implement the cycle track network in phases. The current status for the various sections of the network is as follows-

<b>Section</b>	<b>Sub-Section</b>	<b>Current status</b>	<b>Anticipated completion date</b>	<b>Expenditures in 2013/14</b>
Tuen Mun – Ma On Shan	Ma On Shan to Sheung Shui	Construction in progress	End 2013 (construction completion)	\$29.2 million
	Tuen Mun to Sheung Shui – Stage 1	Detailed design in progress	End 2016 (construction completion)	\$38.7 million
	Tuen Mun to Sheung Shui – Remaining Works	Detailed design in progress	In phases from mid 2014 (detailed design completion)	\$2 million

Tsuen Wan – Tuen Mun	Tsuen Wan to Tuen Mun – Advance Works and Stage 1	Detailed design in progress	In phases from mid 2014 (detailed design completion)	\$3.4 million
	Tsuen Wan to Tuen Mun – Stage 2	Alignment review in progress	Early 2015 (alignment review completion)	\$0.6 million

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 28 March 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)086**

Question Serial No.

1455

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In 2013-14, Civil Engineering and Development Department will continue the study on the long-term strategy for rock cavern development. In this connection, will the Administration advise:

1. the manpower and expenditure allocated for this;
2. the expected completion date of the study; and
3. what is the follow-up action upon the completion of the study?

Asked by: Hon. LO Wai-kwok

Reply:

1. We have commissioned a consultant to carry out the study on long-term strategy for rock cavern development. The total expenditure under the consultancy will be about \$40.4 million and the expenditure on FY 2013-14 is estimated at about \$13.9 million. The study is being managed by a Chief Geotechnical Engineer on a part-time basis with support from a Senior Geotechnical Engineer and two Geotechnical Engineers.
2. The study commenced in September 2012 and is scheduled for completion in end 2015.
3. Under the study, we will formulate policy guidelines to facilitate cavern development for both public and private sectors. We will also prepare Cavern Master Plans to reserve strategic areas in Hong Kong for cavern development and develop a systematic programme for the long-term relocation of suitable Government facilities to rock caverns. The study will also recommend appropriate follow-up actions to take forward the proposals.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)087**

Question Serial No.

1892

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the construction works of infrastructure projects in Sha Tin and Tseung Kwan O that the Civil Engineering and Development Department (CEDD) will continue during 2013-14, will the government inform this Committee what are the works items, expected completion dates and expenditures involved respectively?

Asked by: Hon. TIEN Pei-chun, James

Reply:

The construction works of infrastructure projects in Sha Tin and Tseung Kwan O, including road and drainage works which we will continue during 2013-14, are detailed below:

<u>Subhead (Code)</u>	<u>Approved Project</u>	<u>Expected completion date</u>	<u>Estimated expenditure in 2013-14 (\$million)</u>
7458CL	Sha Tin New Town, stage 2 - construction of Road T3	4 <sup>th</sup> quarter 2015	7.055
7270RS	Cycle tracks and associated facilities along seafront at Town Centre South, Tseung Kwan O	3 <sup>rd</sup> quarter 2013	15.042
7715CL	Tseung Kwan O further development—infrastructure works at Town Centre South and Tiu Keng Leng, Tseung Kwan O	4 <sup>th</sup> quarter 2013	14.365

7717CL Tseung Kwan O further  
development—site formation  
and infrastructure works at  
Pak Shing Kok 4<sup>th</sup> quarter 2013 5.440

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 3 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)088**

Question Serial No.

1893

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In 2013-14, Civil Engineering and Development Department will continue to complete the construction works of the cycle track between Sheung Shui and Ma On Shan, and continue the investigation and design for several sections of the comprehensive cycle tracks in the New Territories. Will the Administration advise the completion date of the construction works of the cycle track between Sheung Shui and Ma On Shan and the expenditures involved, and the project details of the comprehensive cycle tracks in the New Territories as well as the breakdown of the estimated expenditures?

Asked by: Hon. TIEN Pei-chun, James

Reply:

The comprehensive cycle track network in the New Territories, at a total length of 82 kilometres, is made up of mainly two sections, viz (i) Tuen Mun – Ma On Shan section which starts from Tuen Mun in the west and connects via Yuen Long, Sheung Shui, Fanling, Tai Po and Sha Tin to Ma On Shan in the east; and (ii) Tsuen Wan – Tuen Mun section. To enable early enjoyment by the public, we plan to implement the cycle track network in phases. The current status for the various sections of the network is as follows-

<b>Section</b>	<b>Sub-Section</b>	<b>Current status</b>	<b>Anticipated completion date</b>	<b>Expenditures in 2013/14</b>
Tuen Mun – Ma On Shan	Ma On Shan to Sheung Shui	Construction in progress	End 2013 (construction completion)	\$29.2 million
	Tuen Mun to Sheung Shui – Stage 1	Detailed design in progress	End 2016 (construction completion)	\$38.7 million
	Tuen Mun to Sheung Shui – Remaining Works	Detailed design in progress	In phases from mid 2014 (detailed design completion)	\$2 million

Tsuen Wan – Tuen Mun	Tsuen Wan to Tuen Mun – Advance Works and Stage 1	Detailed design in progress	In phases from mid 2014 (detailed design completion)	\$3.4 million
	Tsuen Wan to Tuen Mun – Stage 2	Alignment review in progress	Early 2015 (alignment review completion)	\$0.6 million

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 28 March 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)089**

Question Serial No.

0557

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

The Administration indicated that studies on the reclamation outside Victoria Harbour and the development of caverns would be carried out in 2012-13 for enhancing land supply strategy. What are the relevant expenditures and specific details? In the Budget Speech 2013-14, it is stated in paragraph 99 that \$4.5 billion will be allocated to carry out such projects. Will the government inform us the source of the \$4.5 billion? Is it from the Government General Revenue Account or from the Capital Works Reserve Fund? Will reports be issued at different stages of the studies with consultations?

Asked by: Hon. To Kun-sun, James

Reply:

The Civil Engineering and Development Department has undertaken the following tasks under the study for enhancing land supply by reclamation outside Victoria Harbour and rock cavern development, with an estimated expenditure of about \$10.5 million in 2012-13 -

- A territory-wide site search in Hong Kong, including the associated broad technical studies, to identify potential sites for reclamation outside Victoria Harbour and rock cavern development; and
- Public engagement on the land supply initiatives.

The allocation of \$4.5 billion mentioned in paragraph 99 of the 2013-14 Budget Speech in the coming five years is for carrying out detailed technical studies and design work and progressively rolling out land development projects relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns. The funding will be sought from the Capital Works Reserve Fund when details of the studies and projects are worked out. We will conduct appropriate consultations and issue reports in due course at different stages of the studies.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)090**

Question Serial No.

0164

Head: 33 Civil Engineering and  
Development Department

Subhead (No. & title): 000 Operational  
Expenses

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

On engagement of agency workers, please provide the following information:

	2012-13 (the latest position)
Number of contracts with employment agencies	( )
Contract sum paid to each employment agency	( )
Total amount of commission paid to each employment agency	( )
Duration of service for each employment agency	( )
Number of agency workers	( )
Details of the positions held by agency workers	
Monthly salary range of agency workers	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of agency workers	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Percentage of agency workers against the total staff in the department	( )
Percentage of expenditure for employment agencies against the total staff costs in the department	( )
Number of workers with paid meal break	( )
Number of workers without paid meal break	( )
Number of workers working 5 days per week	( )
Number of workers working 6 days per week	( )

*Percentages in ( ) denote comparison with 2011-12*

Asked by: Hon. WONG Kwok-hing

Reply:

The information in respect of engagement of agency workers is appended below. This information excludes services provided under term contracts centrally administered by the Office of the Government Chief Information Officer.

(a) **The number of contracts with employment agencies (EAs)**

2012-13 (as at 30.9.12)
1 (-75%)

(b) **Contract sum and duration of services**

<b>Contract sum</b>	2012-13 (as at 30.9.12)
	<b>Number of contracts</b>
Less than \$0.5 million	1 (-75%)
\$0.5 million to \$1 million	0 (-)
Over \$1 million	0 (-)
<b>Total:</b>	<b>1 (-75%)</b>

<b>Duration of services</b>	2012-13 (as at 30.9.12)
	<b>Number of contracts</b>
6 months or less	0 (-100%)
Over 6 months to 1 year	1 (-)
Over 1 year to 2 years	0 (-)
Over 2 years	0 (-)
<b>Total:</b>	<b>1 (-75%)</b>

(c) **Commission paid to EAs**

In procuring employment agency service, government departments are required to comply with the relevant Stores and Procurement Regulations, Financial Circulars and guidelines issued by the Civil Service Bureau. These regulations and guidelines do not require the departments to specify the amount or the rate of commission payable to EAs. As such, we do not have information on the commission paid to EAs.

(d) **Number of workers against their job categories**

Whilst there was one existing contract with an EA, no agency worker was actually engaged as at 30.9.2012.

(e) **Monthly salary range of agency workers**

With the implementation of the Statutory Minimum Wage (SMW) since 1 May 2011, bidders are required to pay their agency workers salaries not lower than the average monthly wages for “General Worker for all selected industries” in the Quarterly Report for December 2010, unless it is overtaken by the prevailing SMW plus one paid rest day in every period of seven days. As at 30.9.2012, the department engaged one contract and the minimum monthly wages specified in the contract was \$8,407.

(f) **Length of service of agency workers**

The mode of using agency workers is that government departments and an EA enter into a service contract under which the agency will supply manpower as and when required. As long as the requirements of the government departments (in terms of the number of agency workers and the qualifications and/or experience required from agency workers) are satisfied, the EA may arrange any of their employees to work in the departments or arrange replacement agency workers during the contract period for different reasons. Therefore, we do not have information on the years of service of agency workers who are employees of the EAs and are at the disposal of the latter.

(g) **Percentage of workers against the total staff in the Department**

2012-13 (as at 30.9.12)
0%

(h) **Percentage of expenditure for EAs against the total staff costs in the Department**

2012-13 (up to 30.9.12)
0.02%

(i) **Meal break for workers**

The agency workers are employed by the EAs, and whether the meal break is paid or not is governed by the employment contract between the two parties. We do not have information on this matter.

(j) **Number of workers against working days**

	2012-13 (as at 30.9.12)
<b>Working days</b>	<b>Number of workers</b>
5 working days per week	0 (-100%)
6 working days per week	0 (-)
<b>Total:</b>	<b>0 (-100%)</b>

Percentage in ( ) denote comparison with 2011-12 except where the relevant figure in 2011-12 is zero.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)091**

Question Serial No.

0165

Head: 33 Civil Engineering and  
Development Department

Subhead (No. & title): 000 Operational  
Expenses

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

On engagement of “outsourced workers”, please provide the following information:

	2012-13 (the latest position)
Number of outsourced service contracts	( )
Total expenditure for outsourced service providers	( )
Duration of service for each outsourced service provider	( )
Number of workers engaged through outsourced service providers	( )
Details of the positions held by outsourced workers (e.g. customer service, property management, security, cleansing and information technology)	
Monthly salary range of outsourced workers	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than 6,240	( )
Length of service of outsourced workers	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Percentage of outsourced workers against the total staff in the department	( )
Percentage of expenditure for outsourced service providers against the total staff costs in the department	( )
Number of workers with paid meal break	( )
Number of workers without paid meal break	( )
Number of workers working 5 days per week	( )
Number of workers working 6 days per week	( )

*Percentages in ( ) denote comparison with 2011-12*

Asked by: Hon. WONG Kwok-hing

Reply:

The Department uses a wide range of outsourced services, such as cleansing and security, information technology, etc. The requested information is provided below.

**(a) Number of outsourced service contracts**

2012-13 (as at 31.12.12)
76 (+15.2%)

**(b) Total expenditure of outsourced service contracts**

2012-13 (up to 31.12.12) (\$M)
24.0 (+14.8%)

**(c) Duration of outsourced service contracts**

<b>Duration of service</b>	2012-13 (as at 31.12.12)
	<b>Number of contracts</b>
6 months or less	10 (-37.5%)
Over 6 months to 1 year	39 (+21.9%)
Over 1 year to 2 years	16 (+77.8%)
Over 2 years	11 (+22.2%)
<b>Total:</b>	76 (+15.2%)

**(d) Total number of workers engaged through outsourced service providers**

2012-13 (as at 31.12.12)
209 (+3.5%)

**(e) Number of outsourced workers against their work nature**

Nature of service contracts	2012-13 (as at 31.12.12)
	Number of workers
Cleansing	33 (+32.0%)
Security	91 (+5.8%)
Information technology	7 (-41.7%)
Technical service	17 (-34.6%)
General administration support	49 (+48.5%)
Others (e.g. staff training)	12 (-40.0%)
<b>Total:</b>	<b>209 (+3.5%)</b>

**(f) Salaries of outsourced workers**

After the implementation of Statutory Minimum Wage (SMW) on 1 May 2011, for service contracts on security and cleansing, the contractors were required to pay workers wages not lower than the prevailing SMW.

For other service contracts, we specify and require only the service to be provided. We do not have information about the salaries of the workers employed by the contractors.

**(g) Length of service of outsourced workers**

The mode of using outsourced workers is that government departments and the contractor enter into a service contract under which the contractor will supply manpower as and when required. As long as the requirements of the government departments (in terms of the number of outsourced workers and the qualifications and/or experience required from outsourced workers) are satisfied, the contractor may arrange any of their employees to work in the department or arrange replacement outsourced workers during the contract period for different reasons. Therefore, we do not have information on the years of service of outsourced workers who are employees of the contractors and are at the disposal of the latter.

**(h) Percentage of outsourced workers against the total staff in the Department**

2012-13 (as at 31.12.12)
11.8% (+0.4%)

(i) **Percentage of expenditure of outsourced service providers against the total staff costs in the Department**

2012-13 (up to 31.12.12)
3.4% (+0.3%)

(j) **Meal break for outsourced workers**

The outsourced workers are employed by the outsourced contractors, and whether the meal break is paid or not is governed by the employment contract between the two parties. We do not have information on this matter.

(k) **Number of outsourced workers against working days** <sup>(Note 1)</sup>

<b>Working days</b>	2012-13 (as at 31.12.12)	
	<b>Number of workers</b>	
5 working days per week	0	(-)
6 working days per week	124	(+11.7%)
<b>Total:</b>	124	(+11.7%)

Note 1: For workers of service contracts on security and cleansing only

*Percentages in ( ) denote comparison with 2011-12 except where the relevant figure in 2011-12 is zero.*

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 28 March 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)092**

Question Serial No.

0166

Head: 33 Civil Engineering and  
Development Department

Subhead (No. & title): 000 Operational  
Expenses

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the employment of non-civil service contract (NCSC) staff, please provide the following information:

	2012-13 (the latest position)
Number of NCSC staff	( )
Details of the positions held by NCSC staff	
Total expenditure on salaries for NCSC staff	( )
Monthly salary range of NCSC staff	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than 6,240	( )
Length of service of NCSC staff	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Number of NCSC staff successfully appointed as civil servants	( )
Number of NCSC staff failed to be appointed as civil servants	( )
Percentage of NCSC staff against the total staff in the department	( )
Percentage of staff costs for NCSC staff against the total staff costs in the department	( )
Number of NCSC staff with paid meal break	( )
Number of NCSC staff without paid meal break	( )
Number of NCSC staff working 5 days per week	( )
Number of NCSC staff working 6 days per week	( )
Number of NCSC staff with application for paternity leave	( )
Number of NCSC staff with approval granted for paternity leave	( )

Percentages in ( ) denote comparison with 2011-12

Asked by: Hon. WONG Kwok-hing

Reply:

Information on the employment of full-time non-civil service contract (NCSC) staff employed under the recurrent expenditure of the department is provided below.

**(a) Number of NCSC staff against their job nature**

<b>Job nature</b>	2012-13 (as at 31.12.12)
	<b>Number of NCSC staff</b>
Professional	15 (-16.7%)
Technical and inspectorate	1 (-92.9%)
General administration	8 (+60.0%)
<b>Total:</b>	<b>24 (-35.1%)</b>

**(b) Total expenditure on salary of NCSC staff**

2012-13 (up to 31.12.12) (\$M)
10.2 (-)

**(c) Number of NCSC staff against their salaries and length of service**

<b>Monthly salary</b>	2012-13 (as at 31.12.12)
	<b>Number of NCSC staff</b>
\$30,001 or above	11 (+37.5%)
\$16,001 to \$30,000	9 (-25.0%)
\$8,001 to \$16,000	4 (-76.5%)
\$6,501 to \$8,000	0 (-)
\$6,240 to \$6,500	0 (-)
Less than \$6,240	0 (-)
<b>Total:</b>	<b>24 (-35.1%)</b>

Length of services	2012-13 (as at 31.12.12)
	Number of NCSC staff
15 years or above	0 ( - )
10 years to less than 15 years	0 ( - )
5 years to less than 10 years	0 ( - )
3 years to less than 5 years	2 ( +100% )
1 year to less than 3 years	8 (-20.0%)
Less than 1 year	14 (-46.2%)
<b>Total:</b>	<b>24 (-35.1%)</b>

**(d) Number of NCSC staff appointed as civil servant** <sup>(Note 1)</sup>

2012-13 (up to 31.12.12)
9 (+12.5% )

Note 1 : Including information on NCSC staff appointed as civil servant within the Civil Engineering and Development Department (CEDD) only. The said NCSC staff have joined the civil service through an open, fair and competitive process.

**(e) Number of NCSC staff failed to be appointed as civil servant** <sup>(Note 2)</sup>

2012-13 (up to 31.12.12)
3 (-62.5%)

Note 2 : Including information on NCSC staff failed to be appointed as civil servant within CEDD only.

**(f) Percentage of NCSC staff against the total staff in the Department**

2012-13 (as at 31.12.12)
1.4%

**(g) Percentage of staff costs for NCSC staff against the total staff costs in the Department**

2012-13 (as at 31.12.12)
1.4%

**(h) Number of NCSC staff against meal break**

<b>Meal Break</b>	2012-13 (as at 31.12.12)
	<b>Number of NCSC staff</b>
Paid meal break	23 (-4.2%)
Unpaid meal break	1 (-92.3%)
<b>Total:</b>	<b>24 (-35.1%)</b>

**(i) Number of NCSC staff against working days**

<b>Working days</b>	2012-13 (as at 31.12.12)
	<b>Number of NCSC staff</b>
5 working days per week	23 (-4.2%)
6 working days per week	1 (-92.3%)
<b>Total:</b>	<b>24 (-35.1%)</b>

**(j) Number of NCSC staff with application for paternity leave and number of NCSC staff with approval for paternity leave application** <sup>(Note 3)</sup>

<b>Paternity leave</b>	2012-13 (as at 31.12.12)
	<b>Number of NCSC staff</b>
Applied for paternity leave	0
Granted approval for paternity leave	0

Note 3 : NCSC staff are eligible for paternity leave with effect from 1 April 2012.

*Percentages in ( ) denote comparison with 2011-12 except where the relevant figure in 2011-12 is zero.*

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 3 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)093**

Question Serial No.

2241

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (4) Slope Safety and Geotechnical Standards

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding man-made slopes, retaining walls and natural hillside catchments, please inform this Committee of the following:

1. Upon the completion of the “upgrading and landscaping of slopes and retaining walls” and the “implementation of mitigation measures” on natural hillside catchments in 2012-13, what is the respective number of man-made slopes, retaining walls and natural hillside catchments with high potential risk (or below government standards) pending action? (Please list out according to the demarcation of the 18 Districts).
2. Are there any statistics about the number of people directly affected by the man-made slopes, retaining walls and natural hillside catchments with high potential risk mentioned above? If yes, what are the details?
3. According to present progress, how much time is required to complete the work on all man-made slopes, retaining walls and natural hillside catchments with high potential risk?

Asked by: Hon. WU Chi-wai

Reply:

1. & 3. The Landslip Preventive Measures Programme (LPMP) aiming to deal with high-risk man-made slopes and retaining walls affecting major roads and developments was completed in 2010 thereby substantially reducing the overall landslide risk. The LPMP was dovetailed by the Landslip Prevention and Mitigation Programme (LPMitP) to deal with the remaining landslide risk in Hong Kong. The remaining landslide risk mainly comes from about 15,000 man-made slopes and retaining walls with moderate risk, and some 2,700 natural hillside catchments with known hazards and close to existing buildings and important transport corridors. The LPMitP is a rolling programme, under which we plan to upgrade 150 government man-made slopes and retaining walls, and implement mitigation measures to 30 natural hillside catchments each year. A risk-based priority ranking system is used to select the most deserving man-made slopes, retaining

walls and natural hillside catchments with known hazards for action. The number of man-made slopes, retaining walls and natural hillside catchments to be dealt with in 2013-14 under the LPMitP in each District is:

District	Man-made Slopes and Retaining Walls	Hillside Catchments
Central & Western	13	4
Eastern	11	0
Islands	10	0
Kowloon City	0	0
Kwai Tsing	5	2
Kwun Tong	4	0
North	6	0
Sai Kung	8	0
Sha Tin	17	0
Sham Shui Po	4	0
Southern	25	5
Tai Po	6	3
Tsuen Wan	11	5
Tuen Mun	13	5
Wan Chai	6	5
Wong Tai Sin	1	1
Yau Tsim Mong	0	0
Yuen Long	10	0
<b>Total</b>	<b>150</b>	<b>30</b>

2. Among the 150 man-made slopes and retaining walls to be dealt with in 2013-14, about 100 of them mainly affect buildings including squatter structures and the rest mainly affect roads and other facilities. As regards the 30 natural hillside catchments to be dealt with, all of them mainly affect buildings. There are no readily available information on the number of people directly affected by the man-made slopes, retaining walls and natural hillside catchments.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 3 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)094**

Question Serial No.

3300

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the work under this Programme, please inform this Committee of the following:

1. In connection with the population intake of Kai Tak housing development in this mid-year, what is the progress of the associated roads and other infrastructure works?
2. As the Government has indicated that it would conduct Stage 2 consultation on Kai Tak Environmentally Friendly Linkage System at the end of last year and would report the result of the Stage 1 consultation to the Legislative Council early this year. When will the Stage 2 consultation be expected to conduct and the result of Stage 1 consultation be announced by the Government? In what manner will Stage 2 consultation be conducted and what are the expenditures involved?

Asked by: Hon. WU Chi-wai

Reply:

1. Construction of the Stage 1 infrastructure works at the former north apron area in Kai Tak Development is currently in progress for completion in mid-2013 to tie in with the population intake of Kai Tak housing development.
2. The Stage 1 public consultation exercise on the findings of the feasibility study on Environmentally Friendly Linkage System was completed in October 2012. We are analyzing the views collected and will share the result with the public and relevant stakeholders via consultation meetings/workshops during the Stage 2 public consultation planned to start in mid-2013. We will undertake the Stage 2 public consultation exercise with the support from a consultant involving an estimated expenditure of about \$0.4 million.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)095**

Question Serial No.

2938

Head: 707 Capital Works Reserve Subhead (No. & title): 7271RS - Cycle tracks connecting North West Fund : New Towns and Urban Area Development North East New Territories–Sheung Shui to Ma On Shan section

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Will the Government inform this Committee of the progress of the construction works of the cycle track between Ma On Shan and Sheung Shui? Upon the completion, what will be the supporting facilities? What are the estimated recurrent expenditures on maintenance?

Asked by: Hon. CHAN Chi-chuen

Reply:

The works for the cycle track section from Sheung Shui to Ma On Shan are being carried out under two separate contracts, one for the main route and the other for the two entry/exit hubs. The works for the main route commenced in May 2010 for substantial completion by end 2013. The works for two entry/exit hubs commenced in June 2011 for substantial completion by mid 2013.

Supporting facilities to be provided at the entry/exit hubs include cycle parking spaces, cycle rental and repair kiosks, practising areas, toilets, information boards and first aid stations. There are also four resting stations with cycle parking spaces provided along the cycle tracks.

The estimated annual recurrent expenditure arising from this project is about \$2.6 million.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)096**

Question Serial No.

2939

Head: 707 Capital Works Reserve  
Fund : New Towns and  
Urban Development

Subhead (No. & title): 7279RS - Cycle tracks  
connecting North West  
New Territories with  
North East New  
Territories – Tuen Mun  
to Sheung Shui section  
(Stage 1)

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

How many phases will the construction works of the cycle track connecting Sheung Shui and Yuen Long be implemented? What is the expected completion date? What is the estimated total expenditure involved?

Asked by: Hon. CHAN Chi-chuen

Reply:

The Sheung Shui – Yuen Long section of the cycle track will be implemented in stages. Construction of the stage 1 works covering 2.5km new cycle tracks, improvement of 4.5km existing cycle tracks, provision of associated facilities and environmental mitigation measures, estimated to cost about \$295 million, is scheduled to commence in mid-2013-14 for completion in end 2016. The programme and cost estimate for the remaining works are under review.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)097**

Question Serial No.

0082

Head: Capital Works Reserve Fund      Subhead (No. & title):

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In the Budget Speech, it is stated in paragraph 99 that \$4.5 billion will be allocated in the coming five years to carry out studies and design work relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns. In this regard, will the government inform this Committee to which Heads and Subheads will the \$4.5 billion be allocated? What are the specific purposes? On the funding of the estimated expenditures, will the applications be made to the Legislative Council (LegCo) under Block Allocation in each financial year, or to the Finance Committee of LegCo under each project item in different stages? Besides, regarding the studies and design work, will they be carried out separately under three different fields, or in a comprehensive form? How many stages will be involved in the work? How much additional area of land will be expected to provide, and what is the area of land reserve after five years in Hong Kong?

Asked by: Hon. CHAN Hak-kan

Reply:

The allocation of \$4.5 billion referred to in paragraph 99 of the Budget Speech will be made under Head 705 and Head 707 of the Capital Works Reserve Fund for carrying out feasibility studies and detailed design and commencing construction works for reclamation outside Victoria Harbour, cavern development and new development areas (NDAs).

Apart from minor feasibility studies, investigations and works chargeable to block allocations, funding approvals for major feasibility studies, detailed design and construction of individual projects will be sought from the Finance Committee in due course.

As the studies and design work are generally project specific, they will be carried out on project by project basis except for studies to assess the cumulative impacts arising from more than one project in the vicinity.

For the reclamation and rock cavern development projects, public engagement for these projects was launched on 21 March 2013. As for the NDAs, we have so far engaged consultants to undertake planning and engineering studies on the North East New Territories and Hung Shui Kiu NDAs. We are continuing with the relevant studies and will take into account the public views collected during the public engagement exercise in refining the development proposals. As all of these projects are at a preliminary stage, the staging of works, additional area of land to be formed and area of land reserve to be made available will be determined at the later stages of the projects.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)098**

Question Serial No.

1943

Head: Capital Works Reserve Fund      Subhead (No. & title):

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

The government will allocate \$4.5 billion in the coming five years to carry out studies and design work and progressively roll out the land development projects relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns. Please inform this Committee:

- (a) What is the implementation progress of the above items at present and the details of the projects?
- (b) Regarding the reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns, what are the details of the estimated expenditures and the manpower deployment in relation to the associated studies and design work, and the progressively rolling out of the relevant land development projects in the coming five years (2013-14, 2014-15, 2015-16, 2016-17, 2017-18)? Among them, what are the details, estimated expenditures and manpower deployment involved in the study of impacts on fisheries resources?

Asked by: Hon. HO Chun-yin, Steven

Reply:

- (a) The \$4.5 billion referred to in paragraph 99 of the Budget Speech is allocated for carrying out feasibility studies and detailed design and commencing construction works for reclamation outside Victoria Harbour, rock cavern development and new development areas (NDAs).

For reclamation and rock cavern development, we launched the Stage 2 public engagement (PE) exercise for Enhancing Land Supply Strategy: Reclamation Outside Victoria Harbour and Rock Cavern Development on 21 March 2013 to consult the public on the potential reclamation and rock cavern development sites.

For NDAs, the North East New Territories NDAs Planning and Engineering Study is on-going and scheduled for completion in end 2013. We are now finalising the Recommended Outline Development Plans for the NDAs taking into account the public views collected during the public engagement exercise.

- (b) For reclamation and cavern development, the projects are at a preliminary stage and subject to further consultation. The forecast expenditure and manpower deployment including those for studying impact on fishery resources will be determined during the later stages of the projects. For the NDAs, the development proposals are being refined taking into account the public views. The forecast expenditure and manpower deployment will be determined after the development proposals have been firmed up.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)099**

Question Serial No.

1120

Head: Capital Works Reserve Fund      Subhead (No. & title):

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

According to paragraph 99 in the Budget Speech, in order to expand the land reserve, the Government will allocate \$4.5 billion in the coming five years to carry out studies and design work and progressively roll out the land development projects relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns. What are the details of the related projects? How much expenditure will be involved in the items?

Asked by: Hon. LAM Kin-fung, Jeffrey

Reply:

The \$4.5 billion referred to in paragraph 99 of the Budget Speech is allocated for carrying out feasibility studies and detailed design and commencing construction works for reclamation outside Victoria Harbour, cavern development and new development areas (NDAs).

For reclamation and cavern development, we plan to conduct feasibility studies of five potential reclamation sites at Lung Kwu Tan, Sunny Bay, Siu Ho Wan, Southwest Tsing Yi and Ma Liu Shui near the estuary of Shing Mun River; a strategic study of the potential of constructing artificial islands in the central waters (i.e. between Lantau Island and Hong Kong Island); and feasibility studies of accommodating various facilities within rock caverns. The Stage 2 public engagement (PE2) for these projects was launched on 21 March 2013. As these projects are at a preliminary stage, the details of expenditure will be determined at later stages of the projects.

For the NDAs, we have so far engaged consultants to undertake planning and engineering studies on the North East New Territories and Hung Shui Kiu NDAs. We are now continuing with the relevant studies and will take into account the public views collected during the public engagement exercise in refining the development proposals. The details of expenditure will be determined after the development proposals have been firmed up.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)100**

Question Serial No.

2108

Head: 707 Capital Works Reserve  
Fund : New Towns and  
Urban Area Development

Subhead (No. & title): 7270RS – Cycle tracks  
and associated facilities  
along seafront at Town  
Centre South, Tseung  
Kwan O

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

On “Cycle tracks and associated facilities along seafront at Town Centre South, Tseung Kwan O”, the approved project estimate (APE) is about \$107 million, whereas the actual expenditure up to 31 March 2012 is only about \$7.4 million. In the remaining APE of about \$99 m, the revised estimate 2012-13 is only about \$40 million and the estimate 2013-14 is about \$15 million.

What is the time table of utilizing the remaining APE? How to speed up the progress of works to provide the service to the public as soon as possible? Could details be provided on the allocation of the resources involved in various facilities included in the items? If not, what are the reasons?

Asked by: Hon. QUAT, Elizabeth

Reply:

The scope of the project mainly comprises the construction of cycle tracks, footpaths, and an open space along the seafront and landscaping works.

The construction of the project commenced in July 2011 and the facilities under the project are scheduled to be open for public use in the third quarter of 2013. The cumulative project expenditure up to 31 March 2013 would be about \$48.3 million. The anticipated expenditures in 2013-14 is \$15 million and the remaining provision would be used for project finalisation. As the project account is yet to be finalised, the allocation of resources for various items of works are not yet available.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 3 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)101**

Question Serial No.

2109

Head: 707 Capital Works Reserve  
Fund : New Towns and  
Urban Area Development

Subhead (No. & title): 7715CL – Tseung Kwan  
O further development –  
infrastructure works at  
Town Centre South and  
Tiu Keng Leng, Tseung  
Kwan O

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

On “Tseung Kwan O further development—infrastructure works at Town Centre South and Tiu Keng Leng, Tseung Kwan O”, the approved project estimate (APE) is about \$546 million, whereas the actual expenditure up to 31 March 2012 is only about \$290 million. In the remaining APE of about \$256 million, the revised estimate 2012-13 is only about \$73 million and the estimate 2013-14 is about \$14 million.

What is the time table of utilizing the remaining APE? How to speed up the progress of works to provide the service to the public as soon as possible? Could details be provided on the allocation of the resources involved in various facilities included in the items? If not, what are the reasons?

Asked by: Hon. QUAT, Elizabeth

Reply:

The scope of the project mainly comprises land formation, construction of roads with associated footpaths and cycle tracks, drainage and sewerage systems and landscaping works.

The works under the project scope were substantially completed in end 2012, and the newly constructed roads, including the associated footpath and cycle tracks, will be opened for public use in phases starting from the first half of 2013.

The cumulative project expenditure up to 31 March 2013 would be about \$364.2 million. The anticipated expenditures in 2013-14 is \$14.4 million and the remaining provision would be used for project finalisation. As the project account is yet to be finalised, the allocation of resources for various items of the works are not yet available.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 3 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)102**

Question Serial No.

2110

Head: 707 Capital Works Reserve Subhead (No. & title): 7718CL - Ma On Shan development - roads, drainage and sewerage works at Whitehead and Lok Wo Sha phase 1  
Fund : New Towns and Urban Area Development

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

On "Ma On Shan development—roads, drainage and sewerage works at Whitehead and Lok Wo Sha phase 1", the approved project estimate (APE) is about \$219.7 million, whereas the actual expenditure up to 31 March 2012 is only about \$130.365 million. In the remaining APE of about \$89 million, the revised estimate 2012-13 is only about \$17.1 million and the estimate 2013-14 is about \$3 million.

What is the time table of utilizing the remaining APE? How to speed up the progress of works to provide the service to the public as soon as possible? Could details be provided on the allocation of the resources involved in various facilities included in the items? If not, what are the reasons?

Asked by: Hon. QUAT, Elizabeth

Reply:

The scope of the project mainly comprises formation of two sites of about 3 hectares, construction of roads with associated footpaths and cycle tracks, drainage and sewerage systems and landscaping works.

All the works under the project scope were substantially completed in January 2012 and the newly constructed roads, including the associated footpaths and cycle tracks, have been opened for public use since January 2012.

The latest project estimate is about \$155 million, which is much lower than the APE of about 219.7 million due to the lower tender price received for the construction contract. As the project account is yet to be finalised, the allocation of resources for various items of works are not yet available.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 3 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)103**

Question Serial No.

1921

Head: Capital Works Reserve Fund      Subhead (No. & title):

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

The Financial Secretary stated that \$4.5 billion would be allocated in the coming five years to carry out studies and design work and progressively roll out land development projects relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns. Will the Administration inform us the funding allocation of the expenditures and the details of different projects and plans?

Asked by: Hon. TIEN Pei-chun, James

Reply:

The \$4.5 billion referred to in paragraph 99 of the Budget Speech is allocated for carrying out feasibility studies and detailed design and commencing construction works for reclamation outside Victoria Harbour, cavern development and new development areas (NDAs).

For reclamation and cavern development, we plan to conduct feasibility studies of five potential reclamation sites at Lung Kwu Tan, Sunny Bay, Siu Ho Wan, Southwest Tsing Yi and Ma Liu Shui near the estuary of Shing Mun River; a strategic study of the potential of constructing artificial islands in the central waters (i.e. between Lantau Island and Hong Kong Island); and feasibility studies of accommodating various facilities within rock caverns. The Stage 2 public engagement (PE2) for these projects was launched on 21 March 2013. As these projects are at a preliminary stage and subject to further consultation, the details of expenditures, projects and plans will be determined at the later stages of the projects.

For the NDAs, we have so far engaged consultants to undertake planning and engineering studies on the North East New Territories and Hung Shui Kiu NDAs. We are continuing with the relevant studies and will take into account the public views collected during the public engagement exercise in refining the development proposals. The details of expenditures, projects and plans will be determined after the development proposals have been firmed up.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 28 March 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)104**

Question Serial No.

0558

Head: 707 New Towns and Urban  
Area Development

Subhead (No. & title): 7279RS - Cycle tracks  
connecting North West  
New Territories with  
North East New  
Territories—Tuen Mun  
to Sheung Shui section  
(Stage 1)

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

As indicated in paragraph 94 of the budget speech, it is planned to seek funding approval this year to construct part of the Sheung Shui - Yuen Long section of the cycle track. What is the expenditure of the works involved? What is the expected completion date? Will the cycle track be connected to Tuen Mun, Tin Shui Wai or even Tsuen Wan?

Asked by: Hon. TO Kun-sun, James

Reply:

The part of the Sheung Shui - Yuen Long section of the cycle track for which funding approval is planned to be sought in 2013-14 is estimated to cost about \$295 million. The construction works are scheduled to start in mid-2013-14 for completion in end 2016.

We plan to connect the Sheung Shui – Yuen Long section of the cycle track to Tuen Mun and Tin Shui Wai via some existing cycle tracks, and via Tuen Mun to Tsuen Wan through proposed cycle tracks as part of the cycle track network in the New Territories.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)184**

Question Serial No.

3443

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (4) Slope Safety and Geotechnical Standards

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Please list out by districts the number of trees felled and re-planted and the relevant expenditures during the slope maintenance work by the Government in the past financial year. How did the Government deal with the trees removed in the works and was there any additional expenditure involved?

Asked by: Hon. CHAN Ka-lok, Kenneth

Reply:

Slope maintenance works, comprising mainly simple operations such as clearance of debris from drainage channels and repair of cracked surface covers to upkeep man-made slopes in good condition, are carried out by the respective slope maintenance departments including the Agriculture, Fisheries and Conservation Department, Architectural Services Department, Drainage Services Department, Lands Department, Highways Department, Housing Department and Water Supplies Department. According to information provided by the slope maintenance departments, no tree felling was required during the implementation of routine slope maintenance works in the last financial year.

The Civil Engineering and Development Department (CEDD) carries out landslip prevention and mitigation works under the Landslip Prevention and Mitigation Programme (LPMitP). The numbers of trees felled and new trees planted in connection with landslip prevention and mitigation works carried out by the CEDD under the LPMitP in the past financial year are shown in the table below. We have not kept separate records for the expenditure for tree felling and planting, which is part of the landslip prevention and mitigation works.

Financial year	District	Number of trees felled due to tree health or to facilitate landslip prevention and mitigation works*	Number of new trees planted
2012-13 (up to end of February 2013)	Hong Kong Island	107	4 361
	Kowloon	137	4 950
	New Territories	38	157
	Outlying Islands	52	1 005
<b>Total</b>		<b>334</b>	<b>10 473</b>

Note: \* None of the trees felled are old and valuable trees.

The removed trees, which usually could not be transplanted, were either recycled into fertilizer or disposed of together with construction waste. No additional cost was involved.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 10 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)185**

Question Serial No.

3444

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (4) Slope Safety and Geotechnical Standards

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

1. Please provide the quantity of slope improvement works completed by way of shortcrete, soil nail or other means respectively last year (2012-2013), and the average expenditure of each type of works.
2. How many slopes with no immediate risks underwent improvement works by way of shortcrete last year? Also, how many slopes on which coloured shortcrete was applied as a mitigation measure after undergoing shotcrete works?
3. How many private slope owners implemented slope maintenance works by way of shotcrete last year? Has the Department allocated resources to encourage private slope owners to switch to other means for implementing slope maintenance works? What are the details?

Asked by: Hon. CHAN Ka-lok, Kenneth

Reply:

1. In 2012-13, the Department has upgraded under the Landslip Prevention and Mitigation Programme (LPMitP) a total of 151 man-made slopes with 120 slopes by soil nails and 31 slopes by other means such as rock stabilization measures. Among the 120 man-made slopes involving the use of soil nails, shotcrete was applied to 45 slopes as the principal means of surface protection where the application of vegetation cover is not feasible, such as on steep or rocky slopes. No shotcrete was used for the 31 slopes upgraded by other means. For slopes upgraded by the use of soil nails, the average cost of soil nailing is about \$2.4 million per slope. For slopes that involve the use of shotcrete as the principal means of surface protection, the average cost of provision of shotcrete slope cover is about \$0.3 million per slope.
2. All the 151 man-made slopes upgraded under the LPMitP in 2012-13 were of safety concern although they were not categorised as of immediate and obvious danger.

Among the 45 slopes with shotcrete as the principal means of surface protection, coloured shotcrete was applied to 32 slopes.

3. We have no statistics on the number of private slope owners implementing slope maintenance works by way of shotcrete. The Government has been making continuous efforts in improving the appearance of slopes in Hong Kong. The Buildings Department has issued Practice Notes for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers No. ADV23 “Improvement of Visual Appearance and Landscape Treatment for Man-made Slopes and Retaining Walls” in 2004, encouraging professionals to consider green measures when implementing slope maintenance works. The Civil Engineering and Development Department has also produced a layman’s guide on landscape treatment for slopes for use by the public and carried out publicity activities to encourage private slope owners to improve the appearance of their slopes.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 10 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)186**

Question Serial No.

3445

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (5) Greening and Technical Services

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

When will the government expect all the New Territories (NT) Greening Master Plans (GMPs) development work be completed and the NT GMPs be implemented? Please provide the details of the schedule of work and estimated expenditures.

Asked by: Hon. CHAN Ka-lok, Kenneth

Reply:

The consultancy studies for the formulation of GMPs for Southeast NT (covering Sha Tin and Sai Kung) and Northwest NT (covering Tuen Mun and Yuen Long) commenced in May 2011 for completion by end 2013. The proposed GMPs were discussed by the relevant District Councils (DCs) in February and March 2013. The DCs consulted have indicated support to our proposed GMPs. The consultancy studies for the formulation of GMPs for Northeast NT (covering Tai Po and North District) and Southwest NT (covering Tsuen Wan, Kwai Tsing and Islands District) commenced in February 2012 for completion by mid 2014. The draft GMPs are under preparation and expected to be available in the second half of 2013. The total estimated expenditure for the formulation of the NT GMPs is about \$70 million.

We will determine the timetable for implementing the recommended greening works after the GMPs are formulated. The construction works would normally take about 2 to 3 years. The estimated expenditure for the construction of the greening works will be worked out after the detailed design is completed.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)187**

Question Serial No.

3809

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme:                    (4) Slope Safety and Geotechnical Standards

Controlling Officer:      Director of Civil Engineering and Development

Director of Bureau:      Secretary for Development

Question:

Regarding the Brief Description, it mentions "The Department continued the Landslip Prevention and Mitigation Programme (LPMitP) to upgrade sub-standard government man-made slopes, mitigate landslide hazard arising from natural hillside catchments, and conduct safety-screening for private man-made slopes", will the government inform this Committee: in 2011-12 and 2012-13, the quantity of trees felled, relocated and re-planted during the implementation of the Landslip Preventive Measures Programme and the LPMitP for slope improvement works (please specify according to the demarcation of district councils)?

Asked by:      Hon. FUNG Kin-kee, Frederick

Reply:

The Landslip Preventive Measures Programme (LPMP) was completed in 2010. Regarding the Landslip Prevention and Mitigation Programme which has been launched to dovetail with the LPMP, the numbers of trees felled, transplanted and new trees planted in connection with slope engineering works carried out by the Civil Engineering and Development Department in 2011-12 and 2012-13 are shown in the table below. We do not have readily available information on their breakdown according to demarcation of district councils.

Financial year	District	Number of trees felled due to tree health or to facilitate slope engineering works*	Number of trees transplanted	Number of new trees planted
2011-12	Hong Kong Island	166	0	1 272
	Kowloon	29	0	229
	New Territories	57	0	1 914
	Outlying Islands	0	0	1 675
	Subtotal	252	0	5 090
2012-13 (up to end February 2013)	Hong Kong Island	107	0	4 361
	Kowloon	137	0	4 950
	New Territories	38	0	157
	Outlying Islands	52	0	1 005
	Subtotal	334	0	10 473
<b>Total</b>		<b>586</b>	<b>0</b>	<b>15 563</b>

Note: \* None of the trees felled is old and valuable tree.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)188**

Question Serial No.

5477

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the impacts of reclamation on nature conservation, please advise:

(a) Whether consideration has been given about reclaiming away from areas of high ecological value; if yes, what are the details, including the estimated expenditures and staff establishment; and the project theme and conclusion (if any) of the study on this subject? If no, what are the reasons?

(b) Whether studies have been conducted on the social, economic and environmental costs of the proposed reclamation and associated infrastructural works (such as bridges and tunnels); and on the comparison with other options of increasing land supply? If yes, what are the details? If no, what are the reasons?

Asked by: Hon. LEUNG, Kenneth

Reply:

(a) The Civil Engineering and Development Department (CEDD) commenced a study in July 2011 on enhancing the land supply strategy by reclamation outside Victoria Harbour and rock cavern development. We conducted stage 1 public engagement (PE1) from November 2011 to March 2012. The results of PE1 showed a general support of the proposed site selection criteria for reclamation with importance attached to the impact on the environment (particularly marine ecology) and the local community. We conducted a territory-wide site search and broad technical assessment for the potential reclamation sites. Based on the site selection criteria, we have selected five near-shore reclamation sites and proposed to explore the feasibility of constructing artificial islands in the central waters between the Hong Kong Island and Lantau for stage 2 public engagement (PE2), which commenced on 21 March 2013. Areas of high ecological value have been avoided. The expenditure for the study in 2012-13 was about \$10.5 million. As the study covers both reclamation outside Victoria Harbour and rock cavern development, we do not have a separate cost breakdown for the part of the study to address the impacts of reclamation on

ecology. On staff deployment, CEDD has deployed an average of two senior engineers and four engineers for the study in 2012-13.

(b) During PE1, we presented a six pronged approach of increasing land supply including rezoning land, redevelopment, land resumption, reclamation, rock cavern development, and reuse of ex-quarry sites. The limitations and challenges of the six options of increasing land supply were also spelt out. We also carried out broad technical assessment on the potential reclamation sites and considered aspects such as social harmony and benefits, environmental implications, economic efficiency and practicality to identify the potential reclamation sites for PE2. Upon completion of the PE2, we will seek funding to conduct detailed technical studies including impact assessments on the social, economic and environmental aspects of the proposed reclamation sites and associated infrastructure works. Whilst taking forward these reclamation proposals, the Administration will continue exploring other options for increasing land supply to meet the needs of Hong Kong.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 10 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)189**

Question Serial No.

5456

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Upon the promotion of the “Environmentally Friendly Linkage System in Energizing Kowloon East”, there has been a public outcry about the sky-high construction cost. Will the Secretary for Development and Secretary for Transport and Housing provide detailed data on the estimated passenger flow, detailed estimates on the cost and operation of this project as well as the comparison with the costing and financial scheme of the other advanced railways around the world?

Asked by: Hon. LEUNG Kwok-hung

Reply:

According to the preliminary assessment in the feasibility study of the proposed Environmentally Friendly Linkage System (EFLS), the estimated average daily patronage is about 200 000 in 2031.

The preliminary estimated capital cost of the proposed EFLS in the form of a monorail system is in the order of \$12 billion at 2010 prices, including design fees, construction costs and project management costs. The preliminary assessment of the annual operating and maintenance expenses of the proposed EFLS could range from \$18 to \$23 million per kilometre of rail length at 2010 prices. The actual figures will depend on the final design and the operating situation.

There are quite a number of monorails in use in overseas cities. However, given the differences in topographical environment, social factor, local constraints and implementation framework, it would not be practical to compare the capital, operation and maintenance costs among the schemes. The proposed EFLS has many unique characteristics including the provision of a bridge directly connecting the end of former runway with Kwun Tong district, passenger interchange facilities with adjoining MTR stations, and the alignment through the existing highly congested urban areas. Moreover, the EFLS will facilitate energizing Kowloon East to transform the Kowloon Bay and Kwun Tong districts into an alternative central business district.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)190**

Question Serial No.

4298

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (5) Greening and Technical Services

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the development of the New Territories (NT) Greening Master Plans (GMPs), please give information on the present progress in various districts, including the number of GMPs completed and their distribution. And, what are the dates of completion of the public consultations, commencement of GMPs drafting, completion of GMPs drafting, commencement of works and completion of works respectively?

Asked by: Hon. WONG Kwok-hing

Reply:

The consultancy studies for the formulation of GMPs for Southeast NT (covering Sha Tin and Sai Kung) and Northwest NT (covering Tuen Mun and Yuen Long) commenced in May 2011 for completion by end 2013. The proposed GMPs were discussed by the relevant District Councils (DCs) in February and March 2013. The DCs consulted have indicated support to our proposed GMPs. The consultancy studies for the formulation of GMPs for Northeast NT (covering Tai Po and North District) and Southwest NT (covering Tsuen Wan, Kwai Tsing and Islands District) commenced in February 2012 for completion by mid 2014. The draft GMPs are under preparation and expected to be available in the second half of 2013. We will determine the timetable for implementing the recommended greening works after the GMPs are formulated. The construction works would normally take about two to three years.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)191**

Question Serial No.

4596

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the enhancement of the cycle track network in Hong Kong under the Programme, please inform the Committee:

1. The progress, the expected completion date, the approved estimates and actual expenditures of the various projects tabulated below:

Project	Expected commencement and completion dates	Progress of works and details	Approved estimates	Will actual expenditures and estimates overrun and the reasons (if applicable)
Cycle Tracks connecting North West New Territories with North East New Territories – Tuen Mun to Sheung Shui section				
Cycle Tracks connecting North West New Territories with North East New Territories – extension				

Cycle Track between Tsuen Wan and Tuen Mun				
Cycle Tracks connecting North West New Territories with North East New Territories – Sheung Shui to Ma On Shan section				

2. Apart from the above project, will any studies be conducted on the construction of more cycle tracks and bicycle parking space in urban areas (including Kai Tak Development areas, West Kowloon Cultural District and the promenade running along the northern shore of Hong Kong Island)? If yes, the details of the plans and the expenditure involved, etc.

Asked by: Hon. WU Chi-wai

Reply:

1. The progress, the expected completion date, the approved estimates and actual expenditures of the various projects are as follows: -

Project	Expected commencement and completion dates	Progress of works and details	Approved estimates	Will actual expenditures and estimates overrun and the reasons (if applicable)
Cycle Tracks connecting North West New Territories with North East New Territories – Tuen Mun to Sheung Shui section	Stage 1 Works – Construction works to commence in second quarter of 2013-14 for completion in end 2016	Stage 1 Works– works comprise 2.5 km new cycle tracks along Kam Tin River, Sheung Yue River and Shek Sheung River; 4.5 km cycle tracks improvement works in Tuen Mun, Tin Shui Wai and Yuen Long; and associated works - Detailed	NA	NA

	Remaining Works - programme to be determined	design in progress. Remaining Works – works comprise 13.5 km new cycle tracks between Kam Tin River and Sheung Yue River; and associated works – Detailed design in progress		NA
Cycle Tracks connecting North West New Territories with North East New Territories – extension	Programme to be determined	Investigation/ preliminary design in progress	NA	NA
Cycle Tracks between Tsuen Wan and Tuen Mun	Programme of the construction works to be determined	Advance Works – works comprise 2.3 km new cycle tracks between Tsing Tsuen Bridge and Bayview Garden - Detailed design and site investigation in progress.  Stage 1 Works – works comprise 4.5 km new cycle tracks between Bayview Garden and Ting Kau - Detailed design in progress  Stage 2 Works – works comprise 15.2 km new cycle tracks between Ting Kau and Tuen Mun - Alignment review in progress	NA	NA

Cycle Tracks connecting North West New Territories with North East New Territories – Sheung Shui to Ma On Shan section	Construction works commenced in May 2010 for completion in end 2013	Construction in progress, with about 75% of the works completed	\$230.3 million	Approved Project Estimate not exceeded
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2. A cycle track network of total length about 6 km, aligned mainly along the waterfront of the former runway and south apron, has been planned for leisure and recreational use in the Kai Tak Development (KTD). In response to public aspirations, we are studying the feasibility of extending the cycle track network to enhance accessibility to major tourist and scenic spots in KTD, e.g. Lung Tsun Stone Bridge and Kai Tak River. The cost of the cycle track network will be determined when the detailed design is completed.

Separately, according to the current planning of the West Kowloon Cultural District (WKCD), cycle tracks are proposed in the park in WKCD for use by the public. The details and cost estimate of the proposed cycle tracks will be worked out during the detailed design of the park to be undertaken by the West Kowloon Cultural District Authority.

In regard to Hong Kong Island, a study is being carried out on the technical feasibility of providing a boardwalk of about 2 km long underneath the Island Eastern Corridor extending from the future waterfront park under the Wan Chai Development Phase II project to Hoi Yu Street in Quarry Bay. The study will also investigate and make recommendations on the feasibility of incorporating cycle tracks and cycle parking spaces.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 11 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)192**

Question Serial No.

4929

Head: 705 Capital Works Reserve  
Fund : Civil Engineering

Subhead (No. & title): 5750CL - Study on long-term strategy for cavern development

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Regarding the study on long-term strategy for cavern development, please advise:

- (A) Currently, how many locations have been included in the Study? How many caverns have greater potential for development?
- (B) Which caverns in the above locations have their planned future uses?
- (C) When is the expected completion date of the Study?

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

- (A) & (B) The Civil Engineering and Development Department (CEDD) commenced a consultancy study on the long-term strategy for cavern development in September 2012. One of the main tasks of the study is to conduct a territory-wide review on locations suitable for cavern development with a view to reserving these areas for housing new facilities or relocation of suitable government facilities to rock caverns. The study is currently at the stage of methodology formulation. We will identify specific locations of cavern development and the planned future uses at a later stage.
- (C) The study is expected to be completed in end 2015.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)193**

Question Serial No.

4935

Head: 707 Capital Works Reserve  
Fund : New Towns and  
Urban Area Development

Subhead (No. & title): 7685CL - Site formation  
of Areas 34 and 52 in  
Shui Chuen O and Area  
56A in Kau To, Sha Tin

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

(A) Regarding the site formation of Areas 34 and 52 in Shui Chuen O and Area 56A in Kau To, Sha Tin; what is the progress of the related land formation in view of the forthcoming completion and population intake of public housing in Shui Chuen O? In 2013-14, how much will be the expenditure on the related land formation?

(B) What are the estimated provisions and expenditures of the three Areas respectively? Please reply in the form of the following table.

Area	2013-14 Item Estimates	Accumulated Item Expenditures
Area 34 in Shui Chuen O		
Area 52 in Shui Chuen O		
Area 56A in Kau To		

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

(A) The site formation works at Areas 34 and 52 in Shui Chuen O and Area 56A in Kau To, Sha Tin were completed in 2010 and 2009 respectively. The land for public housing in Shui Chuen O was handed over to the Housing Department in 2010. The estimated expenditure in 2013-14 is about \$1.9 million for completing minor remaining works including geotechnical works and landscaping works.

(B) The 2013-14 estimates and accumulative expenditure are appended below.

Area	2013-14 Item Estimates	Accumulated Item Expenditures (up to 2012-13)*
Area 34 in Shui Chuen O	\$1.9 million	\$229.6 million
Area 52 in Shui Chuen O		
Area 56A in Kau To		

\* The site formation works were mainly carried out under two construction contracts both covering all three areas. We do not have separate breakdown of expenditures for individual areas.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)194**

Question Serial No.

4936

Head: 707 Capital Works Reserve  
Fund: New Towns and  
Urban Area Development

Subhead (No. & title): 7718CL – Ma On Shan  
development – roads,  
drainage and sewerage  
works at Whitehead and  
Lok Wo Sha phase 1

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

The government website states: “Drainage and sewerage works at Whitehead and Lok Wo Sha were substantially completed. Defects rectification are in progress.” Please advise what are the uses of the remaining \$80,000,000 in the estimated reserve fund?

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

The scope of the project mainly comprises formation of two sites of about 3 hectares, construction of roads with associated footpaths and cycle tracks, drainage and sewerage systems and landscaping works.

All the works under the project scope were substantially completed in January 2012 and the newly constructed roads, including the associated footpaths and cycle tracks, have been opened for public use since January 2012.

The cumulative project expenditure up to 31 March 2013 would be about \$148 million. The anticipated expenditure of \$3 million in 2013-14 and a further provision of \$4 million would be used for project finalisation. Subject to finalisation of the project account in early 2015, we expect that the total project cost would be about \$155 million and there would be a project saving of about \$65 million.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 10 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)195**

Question Serial No.

4937

Head: 707 Capital Works Reserve  
Fund: New Towns and  
Urban Area Development

Subhead (No. & title): 7271RS – Cycle tracks  
connecting North West  
New Territories with  
North East New  
Territories – Sheung  
Shui to Ma On Shan  
section

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

The Sheung Shui to Ma On Shan section of the North West New Territories and North East New Territories cycle tracks is divided into two sections: “the Sheung Shui to Ma On Shan cycle track” and “Entry/Exit Hubs in Sheung Shui and Sha Tin” respectively. What is the respective current progress of works of the two sections? What is the expected completion date for use by the public?

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

The works for the Sheung Shui to Ma On Shan section of the cycle track and the two entry/exit hubs are about 75% and 80% completed respectively. The anticipated substantial completion dates of the respective works are end 2013 and mid 2013.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 5 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)196**

Question Serial No.

4327

Head: Capital Works Reserve Fund      Subhead (No. & title):

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

During the announcement of the Budget, the Financial Secretary stated that \$4.5 billion will be allocated in the coming five years to carry out studies and design work and progressively roll out the land development projects relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns. What are the specific financial allocation arrangements and the number of staff members? As the government plans to reclaim outside Victoria Harbour on an appropriate scale, open up new development areas and develop caverns, what are the additional floor area, planned uses, development density and locations respectively? On the above subject, will the government conduct public consultations and what are their details and budgets?

Asked by: Hon. KWOK Ka-ki

Reply:

The allocation of \$4.5 billion referred to in paragraph 99 of the Budget Speech will be made under Head 705 and Head 707 of the Capital Works Reserve Fund for carrying out feasibility studies and detailed design and commencing construction works for reclamation outside Victoria Harbour, rock cavern development and new development areas (NDAs). Apart from minor feasibility studies, investigation and works chargeable to block allocations, funding approvals for major feasibility studies, detailed design and construction of individual projects will be sought from the Finance Committee in due course.

For reclamation and rock cavern development, we plan to conduct feasibility studies for five potential reclamation sites at Lung Kwu Tan, Sunny Bay, Siu Ho Wan, Southwest Tsing Yi and Ma Liu Shui near the estuary of Shing Mun River; a strategic study of the potential of constructing artificial islands in the central waters (i.e. between Lantau Island and Hong Kong Island); and the feasibility studies of accommodating various facilities within rock caverns. We also plan to conduct a pilot study on underground space development in urban areas of Hong Kong. As these projects are at a preliminary stage and subject to further consultation, the manpower required for the studies, the additional floor area, planned uses and development density will be determined at later stages of the projects.

For NDAs, we have already proposed developing certain parts of the North East New Territories and Hung Shui Kiu as new development areas. We have engaged consultants to undertake the above studies. The projects are at a preliminary stage subject to further investigation and refinement. The additional floor area, planned uses, development density and additional staff resources will be determined or confirmed upon further detailed assessments.

Public engagement (PE) is a vital part of our studies. For reclamation and rock cavern development, we launched the Stage 2 PE for Enhancing Land Supply Strategy: Reclamation Outside Victoria Harbour and Rock Cavern Development on 21 March 2013 to consult the public on the potential reclamation and rock cavern development sites. For NDAs, we will continue to conduct PE activities on respective projects at the appropriate stages and will take into account the public views in refining the development proposals. The costs of these PE activities are covered in the respective studies.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 10 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)197**

Question Serial No.

3758

Head: Capital Works Reserve Fund      Subhead (No. & title):

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

In the Budget Speech, paragraph 99 states that the government will allocate \$4.5 billion in the coming five years (from 2013-14 onwards) to carry out studies and design work and progressively roll out the land development projects relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns. In this connection, please provide information on:

- (a) the breakdown of the \$4.5 billion estimated expenditures
- (b) the locations and site area of the planned developments
- (c) the time table of the planned developments

Asked by: Hon. LAM Tai-fai

Reply:

The \$4.5 billion referred to in paragraph 99 of the Budget Speech is allocated for carrying out feasibility studies and detailed design and commencing construction works for reclamation outside Victoria Harbour, cavern development and new development areas (NDAs).

For reclamation and cavern development, we plan to conduct feasibility studies for five potential reclamation sites at Lung Kwu Tan, Sunny Bay, Siu Ho Wan, Southwest Tsing Yi and Ma Liu Shui near the estuary of Shing Mun River; a strategic study of the potential of constructing artificial islands in the central waters (i.e. between Lantau Island and Hong Kong Island); and feasibility studies of accommodating various facilities within rock caverns. We launched the Stage 2 public engagement exercise for these projects on 21 March 2013. We also plan to conduct a pilot study on underground space development in urban areas of Hong Kong. As these projects are at a preliminary stage and subject to further consultation, the breakdown of the estimated expenditures, locations, site areas and timetable of planned developments will be determined at later stages of the projects.

For the NDAs, we have already proposed developing certain parts of the North East New Territories and Hung Shui Kiu as new development areas, which are currently estimated to provide about 530 and over 400 hectares of developable land respectively. We have engaged consultants to undertake the above studies. We are continuing with the relevant studies and will take into account the public views in refining the development proposals. The estimated expenditures, staging of works and implementation timetable of individual projects will be determined during the detailed design stage.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 10 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**DEVB(W)198**

Question Serial No.

3548

Head: Capital Works Reserve Fund      Subhead (No. & title):

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

According to paragraph 99 of the Budget Speech, the FS says he will allocate \$4.5 billion in the coming five years to carry out studies and design work and progressively roll out the land development projects relating to reclamation outside Victoria Harbour on an appropriate scale, opening up of new development areas and the development of caverns. In this regard, please provide the details of the study, including how the \$4.5 billion will be used, scope of the study, timetable of the study (i.e. a breakdown of study plan in each of the 5 years), and manpower to be deployed for the study.

Asked by: Hon. SHEK Lai-him, Abraham

Reply:

The \$4.5 billion referred to in paragraph 99 of the Budget Speech is allocated for carrying out feasibility studies and detailed design and commencing construction works for reclamation outside Victoria Harbour, cavern development and new development areas (NDAs).

For reclamation and rock cavern development, we plan to conduct feasibility studies for five potential reclamation sites at Lung Kwu Tan, Sunny Bay, Siu Ho Wan, Southwest Tsing Yi and Ma Liu Shui near the estuary of Shing Mun River; a strategic study of the potential of constructing artificial islands in the central waters (i.e. between Lantau Island and Hong Kong Island); and feasibility studies of accommodating various facilities within rock caverns. The Stage 2 public engagement for these projects was launched on 21 March 2013. We also plan to conduct a pilot study on underground space development in urban areas of Hong Kong. As these projects are at a preliminary stage and subject to further consultation, the respective timetable, details of expenditure, and manpower to be deployed will be determined at the later stages of the projects.

For NDAs, we have already proposed developing certain parts of the North East New Territories and Hung Shui Kiu as new development areas. We have engaged consultants to undertake the above studies. We are continuing with the relevant studies and will take into account the public views in refining the development proposals. Further staging of work,

deployment of manpower and resources requirement will be determined during the detailed design stage.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 10 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**ENB032**

Question Serial No.

0081

Head: 33 Civil Engineering and Development Department Subhead (No. & title):

Programme: (7) Management of Construction and Demolition Materials

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for the Environment

Question:

As the government plans to construct a large amount of domestic premises and implement several infrastructural projects in the coming years, please advise:

- a) what were the quantities and categories of fill received by the fill banks at Tuen Mun and Tseung Kwan O respectively in the past three years (2010 to 2012)? When will the above fill banks be used up? Are there any funds set aside for expanding the existing fill banks or constructing new fill banks?
- b) what were the quantities and categories of fill delivered to the Mainland respectively in the past three years (2010 to 2012)? During the period, what was the expenditure for delivering each tonne of fill? What are the reasons of the increased estimated quantities of fill delivering to the Mainland this year? Does the government know when the Mainland will cease receiving the fill from Hong Kong?
- c) what are the specific measures to reduce the generation of construction wastes? Will the government stipulate the ratio of the recycled against disposed inert materials for government works?

Asked by: Hon. CHAN Hak-kan

Reply:

- a) The quantities of fill received by the two fill banks at Tseung Kwan O (TKO) Area 137 and Tuen Mun (TM) Area 38 in the past three years are as follows:

Fill received at:	2010	2011	2012
TKO Area 137 Fill Bank (million tonnes)	5.8	6.2	7.5
TM Area 38 Fill Bank (million tonnes)	4.7	5.2	5.6

Fill basically comprises inert construction and demolition (C&D) materials, such as soil, rock, concrete, asphalt, brick, tile, etc.

The quantity of fill received at the fill banks in any given year is subject to the implementation programme of individual works projects and other related factors. It also depends on the extent to which such fill can be reused and recycled locally. Notwithstanding, we expect that the stockpiling capacities of the existing fill banks can cope with the anticipated demand in 2013. The Environment Bureau (ENB) and the Civil Engineering and Development Department (CEDD) are maintaining regular liaison with the relevant Mainland authorities to continue the arrangement of cross-boundary delivery of the surplus fill in the coming years. CEDD will also continue to study other options to tackle the surplus fill problem.

- b) The actual quantities of fill, which has a similar composition as explained in (a), delivered to the Mainland for beneficial reuse in 2010, 2011 and 2012 were 9.4, 11.2 and 9.5 million tonnes respectively. The actual expenditures in the financial years of 2010-11 and 2011-12 and the estimated expenditure in 2012-13 are \$673.9 million, \$759.8 million and \$721.9 million respectively. They included costs of delivery, operation and maintenance of the public fill reception facilities and associated staff costs and administrative overheads. The actual quantity delivered each year is subject to a number of factors including the amount of surplus fill generated and reused by individual projects, stockpiled quantities in the fill banks and weather conditions. ENB and CEDD discuss and agree annually with the relevant Mainland authorities on the estimated fill quantity to be delivered each year.
- c) The Government has introduced the Construction Waste Disposal Charging Scheme to provide incentive for the trade to reduce generation of construction wastes. At present, over 90% of inert materials generated from construction works are reused/recycled rather than disposed. In practice, the recovery rate of inert materials may vary from one project to another, it may not be practical to set any particular target for government works.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**ENB033**

Question Serial No.

3446

Head: 33 Civil Engineering and Development Department Subhead (No. & title):

Programme: (7) Management of Construction and Demolition Materials

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for the Environment

Question:

1. How much construction and demolition (C & D) materials in total were handled by the barging point at Chai Wan last year? What is its operational expenditure?
2. Last year, what were the expenditures on delivering public fill for beneficial reuse in the Mainland? What is the average expenditure for delivering each tonne of materials? At present, what are the receiving locations of the fill in the Mainland? How many hectares of land in the Mainland were provided by such fill?
3. According to paragraph 49, the government will identify alternative outlets for handling the surplus public fill; what is the action plan?

Asked by: Hon. CHAN Ka-lok, Kenneth

Reply:

1. The Chai Wan Public Fill Barging Point handled about 2.2 million tonnes of fill in 2012 at an operating expenditure of about \$38 million.
2. Through the public fill delivery scheme, we delivered about 9.5 million tonnes of surplus fill to the Mainland for beneficial reuse in 2012. The estimated expenditure for the delivery in 2012-13 is \$721.9 million. It includes the costs of delivery, operation and maintenance of the public fill reception facilities, associated staff costs and administrative overheads. At present, the designated site at Taishan as agreed with the Mainland authority is the only receiving location under the delivery scheme. Since the commencement of the scheme and up to the end of 2012, about 450 hectares of land has been formed.
3. The Civil Engineering and Development Department is looking into the long term strategy for handling surplus fill. The various options being studied include reusing surplus fill through suitable reclamation projects outside Victoria Harbour.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 28 March 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**ENB034**

Question Serial No.

3819

Head: 33 Civil Engineering and Development Department Subhead (No. & title):

Programme: (7) Management of Construction and Demolition Materials

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for the Environment

Question:

Regarding the Matters Requiring Special Attention in 2013-14, it mentions "continue the cross-boundary delivery of surplus public fill for beneficial reuse in the Mainland and review the scheme in the light of the experience gained". Will the Government inform this Committee: in the past three years (i.e. 2010-11 to 2012-13), the actual quantity of fill delivered for beneficial reuse in the Mainland; and the required expenditures? Please specify the breakdown of expenditures on the local facilities, delivery, staff, etc., and the charges paid to the Mainland authorities.

Asked by: Hon. FUNG Kin-kee, Frederick

Reply:

The actual quantities of surplus fill delivered to the Mainland for beneficial reuse in 2010, 2011 and 2012 are 9.4, 11.2 and 9.5 million tonnes respectively. The expenditures in the financial years of 2010-11 and 2011-12 and the estimated expenditure in 2012-13 are \$673.9 million, \$759.8 million and \$721.9 million respectively. They included costs of delivery, operation and maintenance of the public fill reception facilities, associated staff costs and administrative overheads. The costs of delivery also covered permit fees and supervision fees payable to the relevant Mainland authorities. As the delivery of surplus public fill to the Mainland and the supply to local projects for reuse are undertaken by one contractor, we do not have separate breakdown of the expenditures involved.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**ENB035**

Question Serial No.

3789

Head: 33 Civil Engineering and Development Department                      Subhead (No. & title):

Programme: (7) Management of Construction and Demolition Materials

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for the Environment

Question:

Under Programme (7), provision for 2013-14 is \$159.3 million (22.1%) higher than the revised estimate for 2012-13. This is mainly due to the increased provision for (a) handling additional quantity of surplus public fill from major infrastructure projects under the cross-boundary delivery scheme and (b) additional delivery to local projects. In this connection, please inform this Committee what will be the total quantity of the additional quantity of surplus public fill to be handled? What are the expenditures involved in (a) and (b) respectively?

Asked by: Hon. LAM Tai-fai

Reply:

The forecast increases in surplus public fill to be delivered to the Mainland and supplied to local projects in 2013 is 7.5 million tonnes in total. We estimate that \$881.2 million will be incurred in 2013-14 to cover the costs of delivery, operation and maintenance of the public fill reception facilities, associated staff costs and administrative overheads. Since the delivery of surplus public fill to the Mainland and the supply to local projects are undertaken by one contractor, we do not have cost breakdown of individual operations.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

ENB036

Question Serial No.

1451

Head: 33 Civil Engineering and Development Department Subhead (No. & title):

Programme: (7) Management of Construction and Demolition Materials

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for the Environment

Question:

In regard to the handling of public fill, please provide the following information:

1. During the past three years (i.e. 2010-11, 2011-12 and 2012-13), how much inert construction and demolition (C & D) material was used in reclamation/earthfill works, and how much non-inert C & D material was disposed in landfill respectively? What were the manpower resources allocated in handling public fill? What will be the expected manpower resources allocated in 2013-14?
2. Apart from delivering public fill to the Mainland for reuse, does the government have any new option to handle surplus public fill?

Asked by: Hon. LO Wai-kwok

Reply:

1. The quantities of inert construction and demolition (C&D) materials reused in reclamation/earth filling projects and non-inert C&D materials disposed of at landfills in the past 3 years are as follows:

	2010	2011	2012
Inert C&D materials reused directly in various projects (million tonnes)	1.0	6.2	10.2
Non-inert C&D materials disposed of at landfills (million tonnes)	1.3	1.2	1.3

At present, the Civil Engineering and Development Department engages about 85 staff in the management of public fill and its related facilities. Similar staff resources will be engaged in 2013-14.

2. The Civil Engineering and Development Department is looking into the long term strategy for handling surplus fill. The various options being studied include reusing surplus fill through suitable reclamation projects outside Victoria Harbour.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**HAB104**

Question Serial No.

0422

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (2) Port and Marine Facilities

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Home Affairs

Question:

The Government committed to translocate the marine species found at Lung Mei to Ting Kok East prior to carrying out the construction works for developing a bathing beach at Lung Mei. Which department will be responsible for the translocation? When will the translocation start? What is the estimated cost for the translocation?

Asked by: Hon. CHUNG Shu-kun, Christopher

Reply:

A contractor to be engaged by the Civil Engineering and Development Department for the Lung Mei beach construction contract will carry out the translocation of the three fish species of conservation importance as required under the Environmental Permit. The translocation work will be carried out under the supervision of a qualified fish specialist and monitored by the Agriculture, Fisheries and Conservation Department.

The Director of Environmental Protection is considering a petition to cancel the Environmental Permit for the project. The programme for the translocation will depend on the start date of the construction contract.

The estimated cost of the translocation, including the ecological monitoring, is about \$1.5 million.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 26 March 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**HAB217**

Question Serial No.

2333

Head: 705 Capital Works Reserve Fund: Subhead (No. & title): 5258RS - Development of a  
Civil Engineering bathing beach at Lung Mei,  
Tai Po

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Home Affairs

Question:

What is the current progress of developing a bathing beach at Lung Mei? What is the estimated cost for translocation of the marine species? What is the estimated number of species which will be eliminated due to the works or change in the environment? Is fund allowed for further environmental assessment? If yes, what is the schedule?

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

The Director of Environmental Protection is considering a petition to cancel the Environmental Permit (EP) for the project.

A contractor to be engaged by the Civil Engineering and Development Department will carry out the translocation of the three fish species of conservation importance as required under the EP, under the supervision of a qualified fish specialist monitored by the Agriculture, Fisheries and Conservation Department. With the implementation of these measures, we do not expect the project to cause any adverse residual impact.

The estimated cost of the translocation work, including the ecological monitoring, is about \$1.5 million. Ecological monitoring will be carried out before the translocation work and at six-monthly intervals thereafter until one year after completion of the beach construction.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 2 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**THB(H)087**

Question Serial No.

4612

Head: 711 Capital Works Reserve Fund : Subhead (No. & title): B566CL – Development at  
Housing Anderson Road

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Transport and Housing

Question:

Civil Engineering and Development Department is continuing with the land formation and infrastructure works for the Development at Anderson Road. What is the current progress of works and what are the expected completion dates of all the works? What are the estimated expenditures on the associated works in 2013-14?

Asked by: Hon. WU Chi-wai

Reply:

The progress of the project is generally satisfactory. About six hectares of the sites were handed over to the Hong Kong Housing Authority in October 2011 for public housing development and another about one hectare of the site was handed over to the Water Supplies Department in December 2011 for construction of associated water supply facilities. The remaining site formation, roadworks, watermains and drainage works are expected to be completed by end 2014. The footbridge systems are planned to be completed in phases from early 2015 to mid 2016 to tie in with the population intake of the public housing development.

The estimated works expenditure in 2013-14 is about \$423.5 million.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and  
Development

Date: 15 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

Reply Serial No.

**THB(T)193**

Question Serial No.

4941

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Transport and Housing

Question:

Regarding “Tseung Kwan O – Lam Tin Tunnel” (TKO-LTT):

- (a) What is the estimated expenditure in 2013-14?
- (b) Are the costs of engaging consultants, tendering, detailed design for the works and local consultation included in the estimated expenditure? If yes, what is the breakdown of the estimated expenditure?

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

- (a) The estimated expenditure for the detailed design and site investigation works for the TKO-LTT in 2013-14 is \$7.4 million.
- (b) We will employ consultants to implement the project. The total estimated consultancy fee is \$93.8 million, with breakdown as follows:

Consultancy fees for	\$ million
(i) detailed design and supervision of site investigation works	88.6
(ii) preparation of tender documents and assessment of tenders	5.0
(iii) management of resident site staff for site investigation works	0.2
Total	93.8

The fee for local consultation is estimated to be \$1.0 million, which is included in the estimated consultancy fee as part of the work for detailed design.

Name in block letters: C K HON  
Post Title: Director of Civil Engineering and Development  
Date: 8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

Reply Serial No.

**THB(T)194**

Question Serial No.

4275

Head: 33 Civil Engineering and      Subhead (No. & title):  
Development Department

Programme:                    (2) Port and marine Facilities

Controlling Officer:    Director of Civil Engineering and Development

Director of Bureau:    Secretary for Transport and Housing

Question:

Regarding “continue the design for the additional floors at Central Piers Nos. 4, 5 and 6”, will the Administration provide the following information:

- a. the expenditure and manpower distribution of the above project to date;
- b. the progress of the design work;
- c. the expected dates of commencement and completion of works; and
- d. the expected number of posts created for professionals, technical personnel and supporting staff by the above project.

Asked by:    Hon. WONG Kwok-hing

Reply:

The Civil Engineering and Development Department (CEDD) engaged a consultant in July 2010 to carry out design and supervision of the construction of additional floors at Central Piers Nos. 4, 5 and 6. The expenditure incurred up to 2012-13 is about \$6.49 million. The consultant is being managed by CEDD using existing staff resources.

Detailed design for the project is in progress. Application has been made to the Town Planning Board (TPB) for approval under section 16 of the Town Planning Ordinance. Subject to the approval of the TPB, we will seek funding approval from the Finance Committee of the Legislative Council for the project. The construction works will be carried out in phases between 2013-14 to 2018-19.

The number of jobs to be created by the project will be estimated after completion of the detailed design.

Name in block letters:

C K HON

Post Title:

Director of Civil Engineering and Development

Date:

8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

Reply Serial No.

**THB(T)195**

Question Serial No.

4276

Head: 33 Civil Engineering and Subhead (No. & title):  
Development Department

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Transport and Housing

Question:

Regarding the construction works of "Tseung Kwan O – Lam Tin Tunnel" (TKO-LTT), the Administration has estimated the costs of the detailed design and associated site investigation works to be \$196 million, of which the consultancy fee is \$93.8 million, accounting for 50% of the expenditure. In connection with the project, would the Administration provide the following details?

- (a) the breakdown of the expenditure on consultancy fee;
- (b) the criteria of setting consultancy fee;
- (c) the estimated cost of the above project; and
- (d) the number of posts to be created by the above project for professionals/technical personnel/workers.

Asked by: Hon. WONG Kwok-hing

Reply:

- (a) The breakdown of the consultancy fee is as follows:

Consultancy fees for	\$ million
(i) detailed design and supervision of site investigation works	88.6
(ii) preparation of tender documents and assessment of tenders	5.0
(iii) management of resident site staff for site investigation works	0.2
Total	93.8

- (b) To estimate the consultancy fee, we mainly take into consideration the estimated professional staff input required to complete each major task of the consultancy, as well as the estimated salary of the consultants' staff.
- (c) Our funding proposal for the detailed design and site investigation for the TKO-LTT (at an estimated cost of \$196.0 million in money-of-the-day prices) was supported by the Legislative Council (LegCo) Panel on Transport and the Public Works Subcommittee on 22 February 2013 and 13 March 2013 respectively . Funding approval will be sought from the Finance Committee of the LegCo in May 2013. The estimated cost of the construction works of the TKO-LTT will be available when the detailed design and associated site investigation works are completed.
- (d) We estimate that the proposed detailed design and associated site investigation works for the TKO-LTT will create about 73 jobs. As regards the jobs to be created during construction, an estimate will be available when the detailed design and associated site investigation works are completed.

Name in block letters:	<u>C K HON</u>
Post Title:	<u>Director of Civil Engineering and Development</u>
Date:	<u>8 April 2013</u>

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

Reply Serial No.

**THB(T)196**

Question Serial No.

4567

Head: 33 Civil Engineering and Subhead (No. & title):  
Development Department

Programme: (2) Port and Marine Facilities

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Transport and Housing

Question:

In 2013-14, the Civil Engineering and Development Department will continue the design for the additional floors at Central Piers Nos. 4, 5 and 6. Will the Administration inform this Committee of the latest progress of the design work and the expected completion date of the works?

Asked by: Hon. YICK Chi-ming, Frankie

Reply:

Detailed design for the additional floors at Central Piers Nos. 4, 5 and 6 is in progress. Application has been made to the Town Planning Board (TPB) for approval under Section 16 of the Town Planning Ordinance. Subject to the approval of the TPB, we would seek funding approval from the Finance Committee of the Legislative Council for the project. The construction works are scheduled to be carried out in phases for completion between 2015-16 and 2018-19.

Name in block letters:

C K HON

Post Title:

Director of Civil Engineering and Development

Date:

8 April 2013

**CONTROLLING OFFICER'S REPLY TO  
SUPPLEMENTARY QUESTION**

**S-DEVB(PL)11**

Question Serial No.

SV029

Head: 33 Civil Engineering and Development Department      Subhead (No. & title):

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Development

Question:

Pursuant to reply no. DEVB(PL)129, the Administration is requested to explain in further details the reasons for the anticipated decrease in the area of land formed in 2013-14 compared with the previous year, notwithstanding the increase in the estimated expenditure.

Asked by: Hon. LO Wai-kwok

Reply:

As explained in the reply serial no. DEVB(PL)129, some major projects involving land formation and engineering infrastructure works, such as Central Reclamation Phase III and Tseung Kwan O Further Development, had been substantially completed in 2012. These projects would not contribute to land formation in 2013. In 2013, the infrastructure projects that will contribute to land formation are listed below:

<b>Project Title</b>	<b>Estimated area of land formed in 2013 (ha)</b>
Wan Chai Development Phase II	0.5
Development at Anderson Road	11.8
Infrastructure works in Tuen Mun Area 54	4.2
<b>Total</b>	<b>16.5</b>

On the other hand, the estimated yearly expenditure on land formation and infrastructure works depends on the cashflow requirement of the construction contracts which bears no direct relationship with the amount of land formed each year. In 2013, we plan to commence the following new major construction contracts which will lead to an increase in expenditure while their contributions to land formation, if any, will be realised only after 2013.

<b>Major construction contracts to commence in 2013 under the following projects</b>	<b>Estimated expenditure in 2013 (\$million)</b>
Liantang/Heung Yuen Wai Boundary Control Point and associated works - site formation and infrastructure works	147.2
Kai Tak development - stages 3A and 4 infrastructure works at the north apron area of Kai Tak Airport	141.2
Kai Tak development - reconstruction and upgrading of Kai Tak Nullah	113.3
Infrastructure works for housing sites adjacent to Lung Ping Road at Tai Wo Ping, Shek Kip Mei	62.3
<b>Total</b>	<b>464.0</b>

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 17 April 2013

**CONTROLLING OFFICER'S REPLY TO  
SUPPLEMENTARY QUESTION**

**S-ENB02**

Question Serial No.

S180

Head: 33 Civil Engineering and  
Development Department

Subhead (No. & title):

Programme: (7) Management of Construction and Demolition Materials

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for the Environment

Question:

Under Reply Serial No. ENB036, in regard to the handling of public fill, would the Administration advise what is the total amount of construction and demolition (C & D) material temporarily stockpiled for the preparation of reclamation? What is the stockpiling sites distribution and their specific locations and area?

Asked by: Hon. LO Wai-kwok

Reply:

As at end 2012, a total of 18.8 million tonnes of surplus inert construction and demolition (C&D) materials were stockpiled at the two fill banks at Tseung Kwan O and Tuen Mun, with details as listed in the table below:

	Tseung Kwan O Area 137 Fill Bank	Tuen Mun Area 38 Fill Bank
Quantities of Inert C&D Materials Stockpiled (million tonnes)	14.0	4.8
Area (hectares)	104	31

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 16 April 2013

**CONTROLLING OFFICER'S REPLY TO  
ORAL QUESTION**

**S-HAB19**

Question Serial No.

SV049

Head: 705 – Civil Engineering

Subhead (No. & title): 5258RS - Development of a  
bathing beach at Lung Mei,  
Tai Po

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Home Affairs

Question:

Pursuant to reply no. HAB217 which indicated that the Director of Environmental Protection is considering a petition to cancel the Environmental Permit for the bathing beach project at Lung Mei, the Administration is requested to provide information on the duration it would take to come up a decision on the petition.

Asked by: Hon. FAN Kwok-wai, Gary

Reply:

The Director of Environmental Protection is considering further information submitted by the petitioners on 28 February 2013, in support of their petition for cancellation of the Environmental Permit for the bathing beach project at Lung Mei in accordance with the Environmental Impact Assessment Ordinance. We are not able to advise how long this process will take.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and Development

Date: 16 April 2013

**CONTROLLING OFFICER'S REPLY TO  
SUPPLEMENTARY QUESTION**

**S-THB(H)13**

Question Serial No.

**SV056**

Head: 711 Capital Works Reserve Fund : Subhead (No. & title): B566CL – Development at  
Housing Anderson Road

Programme:

Controlling Officer: Director of Civil Engineering and Development

Director of Bureau: Secretary for Transport and Housing

Question:

The Administration is requested to provide information regarding the traffic impact assessment and the planning of road and traffic network associated with the developments in Anderson Road.

Asked by: Hon. CHAN Yuen-han

Reply:

A traffic impact assessment study for the proposed public housing development at Anderson Road was conducted in 2007. The study covered areas in East Kowloon including Kwun Tong as well as part of Kowloon City and Wong Tai Sin districts. The study concluded that apart from five road junctions in the vicinity of the development site requiring improvement works, all other road junctions within the study area would operate satisfactorily to cope with the increase in traffic.

The five road junctions are listed below:-

- New Clear Water Bay Road / Anderson Road
- New Clear Water Bay Road / Lee On Road
- Sau Mau Ping Road / Sau Ming Road
- Hip Wo Street / Hong Ling Road
- Po Lam Road / Anderson Road

The improvement works to the above road junctions have been included in the ongoing site formation contract at Anderson Road and are scheduled for completion in end 2014 before the planned first population intake of the new public housing development in 2015.

Name in block letters: C K HON

Post Title: Director of Civil Engineering and  
Development

Date: 16 April 2013