

**Quarterly Report**  
**on**  
**Public Works Programme**  
**for**  
**July – September 2016**

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## **Quarterly Report on the Public Works Programme**

The Quarterly Report on the Public Works Programme (PWP) provides information on the progress of selected “high impact Category A” projects.

Projects included in this report are selected having regard to their cost, importance, complexity and other factors which suggest that they may be of interest to the public. Key information including project estimates, start and completion dates as approved by the Finance Committee, together with a Note on Progress, is given for each project.

In the quarter ending June 2016, two projects were completed. These projects are no longer included in this report. In the quarter ending September 2016, another six projects were completed. These latter projects will be excluded from the next Quarterly Report onwards. Lists of the above-mentioned projects are shown in the Appendix.

Development Bureau  
The Government of the  
Hong Kong Special Administrative Region  
January 2017

Secretary for Development

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3013GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – construction of boundary control point buildings and associated facilities	Approved by F.C. Current forecast	8,811.900 8,811.900	early 2015 07/15	late 2018 late 2018	Works were about 29% completed. Pile cap and superstructure construction were in progress.
3117KA	Relocation of New Territories West Regional Office and Water Resources Education Centre of Water Supplies Department to Tin Shui Wai	Approved by F.C. Current forecast	823.400 823.400	mid 2015 08/15	mid 2019 mid 2019	Works were about 33% completed. Excavation works for pile cap construction were in progress.
4140CD	Reconstruction and rehabilitation of Kai Tak Nullah from Po Kong Village Road to Tung Kwong Road – remaining works	Approved by F.C. Current forecast	1,602.00 1,602.00	10/11 10/11	05/17 12/17	Works were about 73% completed. About 200m of the box culvert was completed. The temporary traffic arrangement at junction of Shatin Pass Road and Choi Hung Road including the relocation of bus stops and shifting of Choi Hung Road northbound to the temporary vehicular bridge above the nullah was implemented in May 2016 for construction of box culvert north to Shatin Pass Road. The watermain diversion works, piling works and construction of box culvert were in progress. The change of project completion date is mainly due to unforeseen underground utilities and associated utility and traffic diversion schemes, hindering the progress of box culvert construction works. The major drainage improvement works are scheduled for completion by end of 2017.

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4160CD	Happy Valley underground stormwater storage scheme	Approved by F.C. Current forecast	1,065.800 1,065.800	09/11 09/11	02/18 12/17	Works were about 81% completed with phase 1 storage tank commissioned in end March 2015. Phase 2 storage tank construction commenced in August 2015. All excavation works and drainage works for construction of storage tank were completed. Structural works for storage tank was in good progress.
4169CD	Reconstruction and rehabilitation of Kai Tak Nullah from Tung Kwong Road to Prince Edward Road East—main works	Approved by F.C. Current forecast	1,244.300 907.881	12/13 12/13	12/17 12/17	Works were about 69% completed. River bed deepening works, construction of river wall and access ramp, artificial rock installation works, planting works and improvement and beautification works at Morse Park (Park No.1) were in progress.
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works—site formation and infrastructure works	Approved by F.C. Approved by F.C. (Increase in APE) Current forecast	16,253.200 24,973.100 24,973.100	12/12 04/13 04/13	06/18 12/18 12/18	<p>We could not secure the F.C.'s approval to increase the Approved Project Estimate (APE) in the 2013/14 LegCo sessions as we originally envisaged. The award of a major remaining contract under the project was therefore withheld. After the F.C. approved the increase in the APE on 5 June 2015, we had immediately awarded this time critical contract on 12 June 2015. The works for the cross boundary bridges commenced on 11 December 2015 and the remaining works on traffic control and surveillance system commenced on 27 April 2016.</p> <p>The Boundary Control Point (BCP) site formation works under Contract 5 have already been completed while the works for the BCP connecting road from Fanling Highway to the BCP under Contracts 2, 3 and 6 are in full swing. The progress of all the works has generally been satisfactory though that for Contract 2 and Contract 6 required close monitoring. We would strive to</p>

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5047CG	Greening master plans for the New Territories Southeast and Northwest - priority greening works	Approved by F.C. Current forecast	350.000 350.000	10/14 12/14	10/17 12/17	complete the project by end 2018 as far as possible.  The change of the project start/completion dates is due to the actual F.C. approval date being two months later than that originally planned. Site planting works commenced in mid 2015. Works were about 55% completed.
5729CL	Disposal of Contaminated Sediment – Dredging, Management and Capping of Sediment Disposal Facility at Sha Chau	Approved by F.C. Current forecast	770.900 452.040	06/09 06/09	07/16 12/26	The sediment disposal facility to the East of Sha Chau (ESC) comprises 4 contaminated mud pits (CMPs). The 1 <sup>st</sup> CMP was exhausted in late August 2013. The disposal of contaminated sediment was then switched to a time-limited disposal facility to the South of the Brothers (SB), which comprises two CMPs and is under Project No. 5737CL. Following the depletion of the disposal facility to the SB on 22 March 2016, the 2 <sup>nd</sup> pit to the ESC has been put into operation at the same time. It is anticipated that the remaining disposal facility to the ESC will be exhausted by 2024 and the subsequent capping will be completed by 2026.  The project estimate was lower than the F.C.'s approved project estimate because of lower tender prices of the works contract, and the sampling and testing contracts.  The original completion date of July 2016 for the ESC facility was set in 2009 without the knowledge of the time-limited facility to the SB.
5737CL	Dredging, management	Approved by F.C.	617.700	08/12	12/16	The sediment disposal facility to the South of The Brothers

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	and capping of contaminated sediment disposal facility to the south of The Brothers	Current forecast	416.010	08/12	12/16	comprises 2 contaminated mud pits (CMPs). The 1 <sup>st</sup> pit commenced operation in late August 2013. Following the depletion of the 1 <sup>st</sup> CMP, the 2 <sup>nd</sup> CMP was put into operation in November 2014 and was exhausted on 22 March 2016. The capping works to the 2 <sup>nd</sup> CMP would be completed by end 2016.  The project estimate was revised due to the lower tender price of the dredging works and testing contracts.
7167CD	Kai Tak development – reconstruction and upgrading of Kai Tak Nullah	Approved by F.C. Current forecast	2,488.200 2,438.200	01/13 01/13	04/18 04/18	Works commenced on 31 January 2013. Works were about 61% completed. The project estimate was revised taking into account the reduction in contingency.
7259RS	Cycle tracks connecting North West New Territories with North East New Territories – Tuen Mun to Sheung Shui section (Remaining)	Approved by F.C. Current forecast	890.900 890.900	mid 2016 06/16	early 2020 03/20	Works commenced on 30 June 2016. Site clearance and ground investigation works were in progress.
7279RS	Cycle tracks connecting North West New Territories with North East New Territories – Tuen Mun to Sheung Shui (Stage 1)	Approved by F.C. Current forecast	295.400 295.400	09/13 11/13	2016 12/16	Works commenced on 29 November 2013. Construction of hubs, new cycle tracks and existing cycle track improvement works was in progress. Works were about 92% completed and on schedule.

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7677CL	Wan Chai development phase II, engineering works	Approved by F.C. Current forecast	4,642.700 4,642.700	12/09 12/09	06/17 06/21	<p>The construction works were about 66.4% completed as at end September 2016. Four of the six works contracts have commenced and are progressing as planned. The contract for Central-Wan Chai Bypass over MTR Tsuen Wan Line and the contract for Central-Wan Chai Bypass at Hong Kong Convention and Exhibition Centre were substantially completed in July 2013 and May 2016 respectively. CEDD continued close monitoring of the planning and developments of the Wan Chai areas with a view to determining how and when the remaining two works contracts for at-grade roads and pedestrian connections would be implemented.</p> <p>The road works necessary for enabling the commissioning of the Central - Wan Chai Bypass could be completed on time in 2017. The entire project was expected to be completed in June 2021 as part of the road works were entrusted to the Highways Department for construction under the Shatin to Central Link project. Relevant road works could only be completed after the railways works at the sites are completed.</p>
7711CL	Kai Tak development – infrastructure work for developments at the southern part of the former runway	Approved by F.C. Current forecast	5,757.100 5,757.100	Q4/15 11/15	2019 12/19	Works commenced in November 2015 and were about 14% completed.
7731CL	Infrastructure works for housing sites adjacent to Lung Ping Road at Tai	Approved by F.C. Current forecast	781.400 680.920	06/13 07/13	12/16 12/16	Works commenced on 31 July 2013 as more time was taken for tender assessment. Works were about 88% completed. The project estimate was revised taking into account the reduction in

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7744CL	Wo Ping, Shek Kip Mei  Formation, roads and drains in Area 54, Tuen Mun – phase 2 stage 1 works	Approved by F.C. Current forecast	325.200 325.200	10/11 09/11	04/15 09/16	contingency.  Works were substantially completed in September 2016, with the formed land handed over to Housing Department by phases in May 2013 and October 2013 for housing development as scheduled.  The project completion date was previously revised to reflect the following: (i) Part of the works under the contract was affected by the need of diversion of medium to large diameter watermain along Tsing Lun Road; (ii) Congested site area for maneuvering of plant which hindered the progress of piling works; and (iii) In accommodating TMLG's views on minimizing disruption to Tsing Lun Road traffic, part of construction works for the noise enclosure at Tsing Lun Road have to be carried out in restricted hours at night, with the works areas reduced, leading to longer construction time. The work progress was also delayed by the exceptionally frequent adverse weather in recent months, resulting in knock on effect on the installation of noise enclosure superstructure works.
7756CL	Ma On Shan development – roads, drainage and sewerage works at Whitehead and Lok Wo Sha, phase 2	Approved by F.C. Current forecast	252.800 252.800	06/15 07/15	12/17 01/18	Project start date has slipped by a month due to extra time taken in assessment of tenders received. The target completion is deferred by a month accordingly.  Works commenced on 24 July 2015. Construction of footbridge, sewerage pumping station, retaining wall for

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7761CL	Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport	Approved by F.C. Current forecast	2,255.300 2,001.300	07/13 07/13	06/17 06/17	widening of Yiu Sha Road and laying of drainage pipes are in progress. Works were about 44% completed.  Works commenced on 15 July 2013 and were about 74.5% completed. The project estimate was revised taking into account the reduction in contingency.
7788CL	Formation, roads and drains in Area 54, Tuen Mun – phase 1 stage 1 works	Approved by F.C. Current forecast	493.400 493.400	2015 11/15	2019 11/19	Works commenced in November 2015 and were about 24% completed.
7789CL	Formation, roads and drains in Area 54, Tuen Mun – phase 2 stages 3 and 4A works	Approved by F.C. Current forecast	553.100 553.100	2015 11/15	2019 11/19	Works commenced in November 2015 and were about 24% completed.
7797CL	Kai Tak development – stages 3B and 5A infrastructure works at former north apron area	Approved by F.C. Current forecast	2,152.800 2,152.800	09/16 09/16	end 2020 end 2020	Works commenced on 28 September 2016.
7799CL	Tung Chung New Town Extension – detailed	Approved by F.C. Current forecast	729.500 645.000	mid 2016 06/16	2021 2021	Consultancy Agreements for the detailed design for Tung Chung East and Tung Chung West commenced on 16 June 2016 and 30

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7801CL	design and site investigation  West Kowloon Reclamation – main works (remainder) – footbridge at the junction of Sham Mong Road and Tonkin Street West in Sham Shui Po	Approved by F.C. Current forecast	368.900 368.900	Q3/16 09/16	Q3/19 Q3/19	September 2016 respectively.  The latest project estimate is revised to reflect the lower than expected awarded consultancy fees.  Works commenced on 28 September 2016.
9043WS	Uprating of Wan Chai salt water supply system	Approved by F.C. Current forecast	271.100 271.100	11/09 08/10	12/14 06/17	Design and Build type of contract was originally used for the mainlaying works. However, as no valid tenders were received, the exercise had to be cancelled. With Central Tender Board's approval, the conventional in-house design and site supervision approach was adopted for the re-tender. Contract of mainlaying works (Contract No. 9/WSD/11) was awarded in January 2012 and the original completion date was in January 2016. Due to the inclement weather, Occupy Central Movement and site difficulties encountered for mainlaying in urban area such as congested utilities, stringent requirements on road opening hours and environmental permit, as well as hard rock excavation encountered in most of the mainlaying works fronts at Kennedy Road, the progress was affected. It is expected that the completion of the contract will be deferred to June 2017. Mainlaying works were in progress and were about 69% completed.

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9334WF	Expansion of Tai Po water treatment works and ancillary raw water and fresh water transfer facilities – part 2 works	Approved by F.C. Current forecast	6,176.700 6,102.780	02/13 02/13	05/17 05/18	<p>Construction works for the Bowen Drive salt water pumping station, Magazine Gap Road salt water service reservoir and associated works were substantially completed in October 2013.</p> <p>The mechanical and electrical works for the Bowen Drive salt water pumping station, Bowen Drive salt water service reservoir and Magazine Gap Road salt water service reservoir were substantially completed in July 2014.</p> <p>Contract No. 14/WSD/14 – Remaining mainlaying works commenced in May 2015 and is scheduled to be completed by February 2017. Mainlaying works at Bowen Road and at staircase between MacDonnell Road and Bowen Road were in progress. The mainlaying works at MacDonnell Road was commenced in end May 2016.</p> <p>Part 2 works were to be delivered under two separate contracts, a civil contract no. 4/WSD/11 and a design and build contract no. 15/WSD/10.</p> <p>For Contract No. 4/WSD/11, works were about 92% completed. For expansion of the Butterfly Valley fresh water primary service reservoir, structural works of the two reservoir compartments were substantially completed. Water tightness tests for the service reservoirs were being arranged. Mainlaying works were 85% completed.</p> <p>For Contract No. 15/WSD/10, works were about 62% completed. Superstructure constructions of the three major buildings (i.e. the Dissolved Air Floatation II Building (DAFII), the Primary</p>

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9358WF	In-situ reprovisioning of Sha Tin water treatment works (South Works) – Advance Works	Approved by F.C. Current forecast	1,658.000 1,658.000	08/15 10/15	12/18 02/19	<p>Biological Filter II Building (PBFII) and the Secondary Rapid Gravity Filter II Building (SRGFII) were in progress. For the Ozone Generation Building (OGB), the superstructure was substantially completed. According to the current progress, it was anticipated that the completion of the project would be in May 2018 due to inclement weather and other events, such as unforeseen geotechnical conditions.</p> <p>The construction of temporary steel bridge at South Gate had been completed allowing the construction vehicles to access the site via the South Gate. The site formation works for Logistics Centre was about 53% completed.</p> <p>The construction of the bored piles retaining wall behind the WTW Logistic Centre and the foundation of temporary power house had commenced in August 2016.</p> <p>The construction of northern access road was in progress and transplanting works at the compensatory woodland area was completed.</p>

Secretary for Education

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3107ET	A school for social development for girls at Choi Hing Road, Kwun Tong, Kowloon	Approved by F.C. Current forecast	373.700 373.700	06/15 04/15	08/17 08/17	Works were about 39% completed. Superstructure construction for classroom and boarding blocks was completed while that for assembly block was in progress.
3108ET	Two special schools at Sung On Street, To Kwa Wan	Approved by F.C. Current forecast	484.000 484.000	06/15 06/15	09/17 09/17	Works were about 42% completed. Superstructure construction and underground services installation were in progress.
3110ET	A 12-classroom special school for children with mild intellectual disability near Hoi Lai Estate, Sham Shui Po	Approved by F.C. Current forecast	256.600 256.600	01/16 03/16	04/18 06/18	Works were about 24% completed. Piling works were in progress.
3351EP	Two 24-classroom primary schools at ex-Tanner Road Police Married Quarters site at Pak Fuk Road, North Point, Hong Kong	Approved F.C. Current forecast	660.000 660.000	12/15 03/16	02/18 05/18	Works were about 13% completed. Footing and ground beam construction was in progress.
3354EP	A 36-classroom primary school in Area 36, Fanling	Approved by F.C. Current forecast	417.200 417.200	06/15 06/15	05/17 05/17	Works were about 36% completed. Superstructure, road widening and underground drainage construction were in progress.

Secretary for the Environment

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4332DS	Lam Tsuen Valley sewerage, stage 2	Approved by F.C. Current forecast	588.300 588.300	11/12 10/12	12/16 05/17	The project was about 97% completed. Sewer laying works and construction of sewage pumping stations were in progress. Part of the completed sewers had been handed over to EPD for public connection. The delay is mainly due to various objections to the sewerage works and the delayed availability of land for construction of the sewage pumping stations.
4367DS	Upgrading of Central and East Kowloon sewerage – phase 1	Approved by F.C. Current forecast	304.700 304.700	01/09 01/09	06/12 12/16	Works Contract DC/2008/08 under 4367DS was completed in July 2012 and its account was finalized in December 2014. Part of the sewerage upgrading works along existing Kai Tak Nullah was entrusted for implementation together with the nullah decking/beautification project for completion by end 2016.
4371DS	Sewerage in western Tuen Mun	Approved by F.C. Current forecast	1,340.000 1,237.663	12/09 12/09	06/14 12/15	<p>Works were substantially completed. Defect rectification works at WISSPS and provision of compensatory shrubs were in progress.</p> <p>The overall completion date of the project was delayed by 18 months because of the extra time taken for resolving interface issues with projects of other departments which necessitated a change in design for the works at Lung Mun Road (part of the trunk sewer originally planned to construct under DC/2009/11 was arranged for construction under DC/2010/01).</p> <p>The change in project estimate is owing to lower values of the civil works packages and project risk reduction after the award of all the contract packages such that part of the project contingency could be released in the latest forecast.</p>

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4375DS	Sewerage in Ping Kong, Fu Tei Pai and Tai Wo	Approved by F.C. Current forecast	226.800 226.800	12/11 11/11	11/15 09/16	Works were substantially completed. Minor outstanding and defects rectification works were in progress.
4378DS	North District sewerage, stage 2 part 2A – Pak Hok Lam trunk sewer and Sha Tau Kok village sewerage	Approved by F.C. Current forecast	272.100 272.100	10/11 01/12	12/15 08/16	Works were substantially completed. Minor outstanding and defects rectification works were in progress.  Some advance ground investigation works commenced by our term contractor in January 2012. The main contract commenced in June 2012 due to the retender of civil works contract (DC/2012/09) on 30 March 2012. As a result of the delay in the commencement of the main contract, the overall completion date of the project was delayed by 8 months.
4381DS	Construction of additional sewage rising main and rehabilitation of the existing sewage rising main between Tung Chung and Siu Ho Wan	Approved by F.C. Current forecast	1,362.600 1,362.600	Q3/16 08/16	end 2025 end 2025	Works commenced on 19 August 2016.
4382DS	Sewerage at Clear Water Bay Road, Pik Shui Sun Tsuen and west of Sai Kung town	Approved by F.C. Current forecast	359.000 359.000	01/13 01/13	01/17 01/17	Works were about 59% completed. Sewerage works at Pak Kong, Tai Shui Tseng, Sha Kok Mei, Kap Pin Long, University Road, Clear Water Bay Road and the area in vicinity of Fei Ngo Shan Road were in progress.
4386DS	Village sewerage in Kau Lung Hang San Wai, Kau	Approved by F.C. Current forecast	316.800 316.800	06/12 06/12	12/16 09/17	Works were about 87% completed. Sewer laying works in Kau Lung Hang San Wai were completed and works in Kau Lung

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	Lung Hang Lo Wai and Tai Hang, and southern trunk sewer between Wai Tau Tsuen and Nam Wa Po					Hang Lo Wai and Tai Hang were in progress. The sewage pumping station in Tai Hang had been handed over to the E&M contractor for installation of E&M equipment.
4395DS	Tolo Harbour sewerage of unsewered areas, stage 2 phase 1	Approved by F.C. Current forecast	364.700 364.700	07/13 07/13	09/17 09/17	Works were about 56% completed. Sewer laying works were in progress and on schedule.
4396DS	Sewerage in Nam Wa Po and Wai Tau Tsuen	Approved by F.C. Current forecast	319.100 319.100	07/13 07/13	09/17 09/17	Works were about 64% completed. Sewer laying works in Nam Wa Po and Wai Tau Tsuen were in progress. Piling works for Wai Tau sewage pumping station were in progress.
4397DS	Outlying Islands sewerage, stage 2—Lamma village sewerage phase 2	Approved by F.C. Current forecast	340.200 340.200	12/13 12/13	07/18 07/18	Works were about 43% completed. The village sewerage works at Tai Peng Village, Ko Long, O Tsai, Sha Po Old Village, Po Wah Yuen and Yung Shue Long Old Village were in progress. Construction of O Tsai sewage pumping station was in progress.
4404DS	Tuen Mun sewerage – Castle Peak Road Trunk Sewer and Tuen Mun Village Sewerage	Approved by F.C. Current forecast	722.500 722.500	03/15 07/15	04/19 08/19	Works were about 16% completed. Sewer laying works in Kei Lun Wai, Lam Tei, Yeung Siu Hang, Fuk Hang Tsuen, Fu Tei Ha Tsuen, Castle Peak Road and construction of Lok Chui Street Sewage Pumping Station, Siu Lam Psychiatric Centre Sewage Pumping Station and Fu Tei Ha Tsuen sewage pumping station were in progress.

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4411DS	Upgrading of San Wai sewage treatment works – phase 1	Approved by F.C. Current forecast	2,572.300 2,572.300	Q1/16 Q2/16	Q3/20 Q4/20	Works were about 1% completed. Project was upgraded to Cat. A in April 2016. Works contract commenced on 27 May 2016. Design works and land resumption for construction of STW were in progress.
5045CG	District Cooling System at the Kai Tak Development	Approved by F.C. Current forecast	3,905.700 [Phases I, II, III (Package A, Package B and Package C)] 4,945.500 (total project estimate, including Phase III (remaining))	04/10 02/11	12/22 12/22	The District Cooling System (DCS) Phase I and Phase II works was completed. The pipe laying works and electrical and mechanical installation of the DCS Phase III (Package A) were about 98.2% and 96.3% completed. The pipe laying works and electrical and mechanical installation of the DCS Phase III (Package B) were 26% and 17.8% completed. The DCS Phase III (Package C) only includes pipe laying works which started in September 2016 for completion in 2020.
5163DR	Northeast New Territories Landfill Extension	Approved by F.C. Current forecast	7,510.000 7,510.000	mid 2016 Q3/18	mid 2030 Q3/33	Pre-qualification result was announced on 8 April 2016. District Lands Office/North is preparing submissions to the Executive Council on land resumption and grave clearance. Negotiation with the existing Northeast New Territories (NENT) Landfill contractor on contract interface issues is underway with the support of the contract procurement consultancy, with a view to reaching an agreement before tender invitation. A longer than expected time is required for tender preparation and the contract commencement date of the NENT Landfill Extension Project is revised to Q3 of 2018. Also, we have been monitoring the waste intake pattern at the existing NENT landfill after the waste diversion plan since January 2016 which will

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5164DR	Southeast New Territories Landfill Extension	Approved by F.C. Current forecast	2,101.600 2,101.600	late 2015 2017	2025 2026	<p>affect the expected service life of NENT landfill, hence have a bearing on the landfill extension projects. We will monitor closely the waste intakes and distribution among the landfills. Based on our current estimates, the delay will not jeopardize the succession of NENT Landfill.</p> <p>The design, construction and contract procurement consultancy commenced in May 2015. Contractual and engineering arrangements for the project are being finalized with the support of the consultancy; and Government land allocation is being arranged with District Lands Office/Sai Kung. The project start date is revised due to delay in site handing over which is being reviewed with the Civil Engineering and Development Department.</p>
5172DR	Organic waste treatment facilities phase 1	Approved by F.C. Current forecast	1,589.200 1,589.200	01/15 12/14	mid 2017 mid 2017	<p>The Contractor is now carrying out the detailed design and the construction works commenced in May 2015.</p>
5180DR	Development of waste electrical and electronic equipment treatment and recycling facility	Approved by F.C. Current forecast	548.600 548.600	early 2015 early 2015	early 2017 mid 2017	<p>The design-build-operate contract was awarded on 31 March 2015. The construction of substructure was substantially completed in August 2016. The construction of superstructure was in progress.</p> <p>The project was originally expected to start in January 2015 with funding support in Q4 of 2014. Due to unexpected long discussion time in F.C., funding approval was obtained in February 2015. Therefore, the project completion date was revised to mid 2017.</p>

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5233DS	Sludge Treatment Facilities	Approved by F.C. Current forecast	5,364.300 5,364.300	02/10 10/10	12/16 03/17	<p>Design and construction of the Sludge Treatment Facilities (STF) commenced in October 2010. Construction of phase 1 of the works (i.e. three incineration trains with capacity of 1,600 tonnes per day) was substantially completed.</p> <p>The STF commenced phase I operation in April 2015.</p> <p>Testing and commissioning of the last incineration train for phase 2 of the works was finished in August 2015. Phase 2 operation (with total capacity of 2,000 tonnes per day) has commenced since April 2016. The environmental education centre of STF has been opened to the public for visit since 29 June 2016. Outstanding works and tests are in progress with completion date anticipated to be in Q1 of 2017.</p>
6810TH	Retrofitting of noise barriers on Tuen Mun Road (Town Centre section)	Approved by F.C. Current forecast	826.500 826.500	Q3/15 12/15	Q1/19 06/19	<p>The contract was awarded on 17 December 2015 and works commenced on 28 December 2015. The works were about 11.8% completed by end of Q3 of 2016.</p>
6814TH	Retrofitting of noise barriers on Tuen Mun Road (Fu Tei Section)	Approved by F.C. Current forecast	786.200 786.200	Q2/16 06/16	Q4/19 12/19	<p>The contract was awarded on 15 June 2016 and works commenced on 28 June 2016. The works were about 1.7% completed by end of Q3 of 2016.</p>

Secretary for  
Financial Services and the Treasury

<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
3074KA	Construction of West Kowloon Government Offices	Approved by F.C.  Current forecast	4,742.500  4,742.500	2 <sup>nd</sup> half of 2015 07/15	early 2019  early 2019	Works were about 14% completed. Excavation and lateral support works for basement construction were in progress.

Secretary for  
Food and Health

<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
3019NB	Provision of Columbarium and Garden of Remembrance at Tsang Tsui, Tuen Mun	Approved by F.C. Current forecast	2,874.300 2,874.300	Q1/16 07/16	mid 2019 mid 2019	Contract commenced on 7 July 2016. Preparatory works in accordance with Environmental Impact Assessment were in progress.
3089MM	Redevelopment of Kwai Chung Hospital – phase 1	Approved by F.C. Current forecast	750.800 750.800	mid 2016 06/16	mid 2018 mid 2018	Works were about 6% completed. Services diversion and tree transplanting works were in progress.
3182GK	Reprovisioning of Food and Environmental Hygiene Department Sai Yee Street Environmental Hygiene offices-cum-vehicle depot at Yen Ming Road, West Kowloon Reclamation Area	Approved by F.C. Current forecast	1,549.900 1,549.900	early 2016 12/15	Q3/20 Q3/20	Works were about 24% completed. Excavation works for pile cap construction were in progress.

Secretary for Home Affairs

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3049RG	Public library and indoor recreation centre in Area 3, Yuen Long	Approved by F.C. Current forecast	704.100 704.100	07/10 07/10	06/13 09/16	Works were substantially completed in September 2016. Project completion date was revised to September 2016 due to unforeseen condition for cable laying and drainage connection works as well as inclement weather.
3056RG	Government Complex in Area 14 (Siu Lun), Tuen Mun	Approved by F.C. Current forecast	1,250.700 1,250.700	05/15 08/15	11/18 02/19	Works were about 13% completed. Pile cap construction was in progress.
3060RE	Construction of the East Kowloon Cultural Centre	Approved by F.C. Current forecast	4,175.700 4,175.700	Q1/16 01/16	Q3/20 Q3/20	Works were about 12% completed. Piling works were in progress.
3066RE	Expansion and Renovation of the Hong Kong Museum of Art	Approved by F.C. Current forecast	934.400 934.400	Q1/16 12/15	Q1/19 Q1/19	Works were about 12% completed. Demolition works and footing excavation were in progress.
3269RS	Sports Centre in Area 4, Tsing Yi	Approved by F.C. Current forecast	774.800 774.800	11/13 11/13	01/17 01/17	Works were about 93% completed. Building services and finishing works were in progress.
3273RS	Sports Centre in Area 24D, Sha Tin	Approved by F.C. Current forecast	639.700 639.700	05/15 12/15	06/18 01/19	Works were about 10% completed. Piling and site formation works were in progress.
7790CL	Infrastructure Works for West Kowloon Cultural	Approved by F.C. Current forecast	840.500 840.500	Q4/15 07/15	Q4/18 Q4/18	Works commenced in July 2015 and were about 24% completed.

<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
7791CL	District, phase 1  Integrated Basement for West Kowloon Cultural District	Approved by F.C. Current forecast	2,919.500 2,919.500	Q4/15 09/15	Q1/19 Q1/19	Works commenced in September 2015 and were about 28% completed.

Secretary for Security

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3012GB	Construction of a secondary boundary fence and new sections of primary boundary fence and boundary patrol road—phase 2	Approved by F.C. Current forecast	285.000 285.000	Q1/12 02/12	Q3/15 Q4/16	<p>Works for Section 3B, which were entrusted to DSD, were substantially completed in February 2015. The site was handed over to HKPF.</p> <p>Works for Section 3A &amp; 3C by ArchSD were substantially completed in March 2015. The site was handed over to HKPF.</p> <p>Completion date was revised as the programme of the demolition works for existing police posts/warning signs was revised to suit the opening of 3rd Frontier Closed Area on 4 January 2016. Demolition works commenced in late April 2016 for completion in late 2016 and were about 85% completed.</p>
3065JA	Construction of Rank and File Quarters for Customs and Excise Department at Yau Yue Wan Village	Approved by F.C. Current forecast	604.800 604.800	06/15 06/15	01/18 01/18	Works were about 26% completed. Pile cap construction was in progress.
3066JA	Construction of staff quarters for Immigration Department at Heng Lam Street, Kowloon	Approved by F.C. Current forecast	391.000 391.000	late 2015 01/16	Q2/18 Q2/18	Works were about 11% completed. Piling works were in progress.
3069JA	Redevelopment of Kwun Tong staff quarters at Tseung Kwan O Road, Kowloon	Approved by F.C. Current forecast	1,511.300 1,511.300	Q3/15 08/15	mid 2019 mid 2019	Works were about 15% completed. Footing construction was in progress.

<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
3076LC	Redevelopment of Tai Lam Centre for Women	Approved by F.C. Current forecast	946.600 946.600	08/12 08/12	11/16 11/16	Overall works were about 93% completed. Phase 1 works were handed over to CSD. Phase 2 works were in progress.
3237LP	Kowloon East Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station	Approved by F.C. Current forecast	3,186.000 3,186.000	Q3/16 07/16	Q4/21 Q4/21	Contract commenced on 11 July 2016. Preparatory works for demolition of the existing building structure were in progress.

Secretary for  
Transport and Housing

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
B566CL	Development at Anderson Road	Approved by F.C. Current forecast	3,467.200 3,467.200	01/08 01/08	12/14 12/16	<p>As at end September 2016, the works were about 98.5% completed. All building platforms for public housing development were handed over to the Housing Department (HD) before late 2013 and waterworks were completed in September 2015. The access roads to the development were opened to the public on 11 January 2016, followed by the opening of two footbridges on 16 June 2016. Other infrastructure works essential for the first phase of housing development were also completed to match with the start of population intake on 17 June 2016. Remaining slope works, roadworks, footbridge works and drain laying are in progress for the subsequent phases of the housing development.</p> <p>The project estimate had been updated to reflect the net effect of lower tender price, the latest price fluctuations, larger than expected quantity of rock excavation, the enhancement of footbridges in response to the request by DC members and the public, and other variations to cater for the actual site circumstances. The current estimate remains within the Approved Project Estimate.</p> <p>The forecast project completion date was revised to August 2016 to cater for larger than expected quantity of rock excavation, inclement weather, the enhancement of the footbridge system, including extension/addition of footbridges in response to request by the District Councilors and the public, and the highly constrained works areas for construction of the enhanced footbridges FB-A and FB-D. The latest forecast project completion date was further revised to December 2016 to cater for additional requirements on footbridges, roads and the current progress of works. The revised schedule can</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
B197SC	Reprovisioning of Pak Tin Community Hall and special child care centre-cum-early education and training centre in Pak Tin Estate redevelopment site, and construction of footbridge link at Nam Cheong Street, Sham Shui Po	Approved by F.C. Current forecast	318.300 318.300	06/15 10/15	06/18 10/18	match with the subsequent phases of the housing development and population intake.  Works were about 22% completed. Foundation construction and sheet piling works were in progress.
B081TI	Public Transport Interchange and Associated Works at Kiu Cheong Road East, Ping Shan	Approved by F.C. Current forecast	602.200 602.200	late 2015 11/15	early 2018 03/18	Works commenced in November 2015. Foundation works for the Public Transport Interchange cover was underway. Piling works for footbridge was underway.
5114AP*	Providing sufficient water depth for Kwai Tsing Container Basin and its approach channel	Approved by F.C. Current forecast	488.200 488.200	10/13 08/13	02/16 06/17	The construction contract commenced on 30 August 2013. The dredging works for Kwai Tsing Container Basin and its approach channel were substantially completed in April 2016.  The need and programme for removal of unforeseen rock at the seabed outside a container berth was confirmed in Q3 of 2016. The completion date was revised from April 2016 to June 2017 to allow for the remaining removal of seabed rock off the container berth.

\*5114AP is retained in this report for the quarter ending September 2016 as the project completion date is revised from April 2016 to June 2017.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6051TR	Shatin to Central Link - design and site investigation	Approved by F.C. Current forecast	2,407.500 2,407.500	08/08 11/08	12/10 12/16 (Subject to review)	<p>Planning and design were about 97% completed. The design work continued.</p> <p>It took longer-than-expected time to finalise the entrustment agreement, resulting in deferral of the works start date. For the completion dates, having started the design works and extensive local consultation work in end 2008, the design programme has been under regular review taking into account the suggestions and requests raised by stakeholders and the interface with other infrastructure projects. As some of the design works was still under public consultation, the design works would be completed in phases. The entire completion date is subject to review.</p>
6052TR	Hong Kong Section of Guangzhou- Shenzhen -Hong Kong Express Rail Link - Design and Site Investigation	Approved by F.C. Current forecast	2,782.600 2,782.600	06/08 07/08	09/10 Q3/18	<p>Planning and design were substantially completed. Consultants funded under this project vote are also required to prepare and submit all the as-built drawings. As the construction works are now target for completion in Q3/2018, the end date is revised accordingly.</p>
6053TR	Hong Kong Section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of railway works	Approved by F.C. Current forecast	70,405.000 70,405.000	12/09 01/10	12/15 Q3/18	<p>On 11 March 2016, the F.C. approved the increase in Approved Project Estimate (APE) of railway works by \$15,387.5 million to \$70,405 million, and non-railway works by \$4,215 million to \$16,015 million in MOD prices. As at end September 2016, works were about 76% completed based on the revised APE. Civil, electrical and mechanical works at West Kowloon Terminus, tunnels, ventilation buildings, Shek Kong Stabling Sidings and Emergency Rescue Siding were in progress.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6056TR	South Island Line (East) – essential public infrastructure works	Approved by F.C. Current forecast	927.000 927.000 (Subject to review)	05/11 05/11	07/15 08/16	Works were substantially completed in August 2016. All the facilities had been opened for public use.
6057TR	Hong Kong section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of non-railway works	Approved by F.C. Current forecast	16,015.000 16,015.000	12/09 01/10	12/15 Q3/18	On 11 March 2016, the F.C. approved the increase in Approved Project Estimate (APE) of railway works by \$15,387.5 million to \$70,405 million, and non-railway works by \$4,215 million to \$16,015 million in MOD prices. As at end September 2016, works were about 71% completed based on the revised APE. Construction of enabling works, essential public works and reprovisioning, remedial and improvement works were in progress.
6060TR	Kwun Tong Line Extension – essential public infrastructure works	Approved by F.C. Current forecast	826.900 826.900	06/11 06/11	04/15 10/16	Works were substantially completed. The section of footbridges and covered walkway linking Sheung Lok Road and Oi Man Estate was opened for public use in December 2015. The remaining essential public infrastructure works will be opened for public use on 23 October 2016 as per the scheduled commissioning date of the Kwun Tong Line Extension.
6061TR	Shatin to Central Link – construction of railway works – remaining works	Approved by F.C. Current forecast	65,433.300 65,433.300 (Subject to review)	mid 2012 08/12	12/20 2021	Works were about 54% completed.  In view of the delay of about 11 months to Tai Wai to Hung Hom Section of the Shatin to Central Link (SCL) arising from the archaeological and conservation works at the work site of To Kwa Wan Station, the current target is to commission the Tai

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
						<p>Wai to Hung Hom Section in 2019 as far as possible.</p> <p>For the Hung Hom to Admiralty Section, the commissioning date will be deferred to 2021 to allow flexibility for the topside development of the convention centre at Exhibition Station, and to cater for the impact of site handover arrangement of the Wan Chai Development Phase II project.</p> <p>Excavation of the last section of tunnels between To Kwa Wan Station and Ho Man Tin Station of the Tai Wai to Hung Hom Section of SCL was completed in August 2016. The civil works for Hin Keng Station were substantially completed. Construction of the Diamond Hill Station structure except the TBM launching shaft was completed. Construction of the Kai Tak Station structure was substantially completed. Building services and architectural builders works and finishes for Hin Keng Station, Diamond Hill Station and Kai Tak Station were in progress. The structural works for To Kwa Wan Station was in progress. Construction of the lower track slab of Ma Tau Wai Station was in progress.</p> <p>At Hung Hom, temporary traffic management scheme at Chatham Road North was being implemented for excavation and tunneling works. Tunnel construction under the podium at Hung Hom Station and modification works at Hung Hom Station were in progress.</p> <p>Construction of immersed tube tunnel for the cross harbour tunnels was underway.</p> <p>For Exhibition Station, piling works and construction of diaphragm walls at different site areas of Wan Chai North continued. To make room for Exhibition Station construction,</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6062TR	Shatin to Central Link – construction of non-railway works – remaining works	Approved by F.C. Current forecast	5,983.100 5,983.100 (Subject to review)	mid 2012 07/12	12/20 2021	<p>existing roads including Expo Drive East, Convention Avenue, etc. are temporarily diverted stage by stage with the latest one implemented on 11 September 2016.</p> <p>The tunnel boring machine drive for the construction of the down-track tunnel from Police Officers' Club to Exhibition Station was in progress. Bulk excavation of the launching shaft for the western tunnels was completed.</p> <p>Works were about 65% completed. Due to various construction difficulties encountered for the railway works under 6061TR, the construction progress was lagging behind the target programme.</p> <p>For Tsz Wan Shan Pedestrian Links, construction of footbridges and lift towers at Wan Wah Street, Yuk Wah Street, Po Kong Village Road and Lung Poon Street were in progress.</p> <p>Re-provisioning of Harbour Road Sports Centre was underway.</p>
6063TR	Shatin to Central Link – construction of railway works – advance works	Approved by F.C. Current forecast	6,254.900 6,254.900 (Subject to review)	12/11 12/11	12/15 12/16	<p>Works were about 91% completed. In the process of excavation at Admiralty Station, it is found that the excavation is more difficult than expected as the rock mass is less fragmented than the estimation from ground investigation reports. In order to further reduce the risk of affecting the operation of the Island Line by the underpinning works, more reinforcing works and temporary supporting works had been carried out as compared to the planned. MTRCL estimated that the above would lead to a delay of 12 months.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6064TR	Shatin to Central Link – construction of non-railway works – advance works	Approved by F.C. Current forecast	1,448.200 1,448.200	12/11 12/11	12/15 12/16 (Subject to review)	<p>The structure of Ho Man Tin Station was completed. Building services, electrical and mechanical (E&amp;M) works and architectural builders works and finishes at Ho Man Tin Station were in progress. At Admiralty Station, cut-and-cover excavation for the Admiralty Station extension was completed and the concrete works of the station box structure were substantially completed. Excavation for the platform tunnels of SCL was completed. Construction of the cavern structure had been completed and architectural builders works and finishes works at SCL concourse level were substantially completed, and concrete works of the SCL overrun tunnel were substantially completed. At Hong Kong Park Ventilation Building, structural works had been completed with fitting-out and E&amp;M works were substantially completed.</p> <p>Works were about 77% completed. Some of the reprovisioning works have to be carried out upon completion of railway works at Admiralty Station under 6063TR. The late completion of railway works would have a delay of 12 months for non-railway works.</p> <p>The new Mail Centre had been completed and handed over to Hongkong Post for operation. For the reprovisioning works of Harcourt Garden, a covered walkway at the landscaped deck level connecting to CITIC Tower Footbridge near Rodney Street will be completed and opened to the public upon the opening of South Island Line (East).</p> <p>For the reprovisioning works of LCSD facilities at Hong Kong Park, structural works were substantially completed and</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6076TI	Bus-Bus Interchanges on Tuen Mun Road	Approved by F.C. Current forecast	205.300 205.300	04/10 07/10	12/14 early 2017	<p>architectural builders works and finishes and E&amp;M works were in progress.</p> <p>The Kowloon bound and Tuen Mun bound of Bus-Bus Interchange (BBI) were opened to the public on 26 December 2012 and 27 July 2013 respectively. The works for the Tuen Mun bound and Kowloon bound toilets by ArchSD commenced on 6 August 2015 and 11 April 2016 respectively. The progress of works was previously affected by inclement weather. It is targeted to complete the works for the Tuen Mun bound and Kowloon bound toilets by the fourth quarter of 2016 and the first quarter of 2017 respectively.</p>
6167TB	Provision of barrier-free access facilities at public footbridges, elevated walkways and subways—design works and phase 1 construction works	Approved by F.C. Current forecast	292.100 292.100	08/11 08/11	12/15 01/16 (Construction) 2017 (Design)	<p>Project No. 6167TB covers phase 1 construction works for 10 structures and design works for technically feasible structures which currently consist of 140 items.</p> <p>Phase 1 construction works commenced in stages from December 2011 for progressive completion from 2014 to January 2016 with the lifts at the last structure NF109 substantially completed on 8 January 2016.</p> <p>The design works commenced in stages from August 2011 for progressive completion from 2013 to 2017.</p> <p>The design works were about 90% completed.</p>
6579TH	Central-Wan Chai Bypass	Approved by F.C.	36,038.900	end 2009	2017	The increase in APE was approved by F.C. on 24 January 2014.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
	& Island Eastern Corridor Link	Current forecast	36,038.900	07/09	Under review <sup>1</sup>	Works were about 73.9% completed.
6703TH	Dualling of Hiram's Highway between Clear Water Bay Road and Marina Cove and improvement to local access to Ho Chung	Approved by F.C. Current forecast	1,774.400 1,774.400	Q3/15 03/16	Q3/20end 2020	The contract started on 30 March 2016. The works were about 5.1% completed by end of Q3 of 2016. Ground investigation works were in progress. Construction of the new Ho Chung Village Office continued.
6720TH	Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling—Stage 2	Approved by F.C. Current forecast	4,320.00 4,320.00	07/13 07/13	2018 2019	<p>The project comprises two construction contracts. Works for Contract No. HY/2012/06 were about 34.1% completed. The vehicular part of the Kau Lung Hang Vehicular Bridge has been opened to traffic since 20 August 2016. Constructions of footbridges, noise barriers as well as retaining walls were in progress.</p> <p>Works for the portion entrusted to CEDD for implementation under Contract No. CV/2012/09 were about 39.7% completed. The existing Kiu Tau Bridge was closed. Drainage works, watermain diversion, noise barrier works and construction of</p>

<sup>1</sup> As mentioned in the press release issued by the Highways Department (HyD) on 15 September 2015, the large metal object that was previously found at the seabed of the Wan Chai Development Phase II (WDII) works site caused suspension of reclamation and associated works in the area. After the reclamation works resumed in early July 2015, the Civil Engineering and Development Department (CEDD) notified the HyD of the revised site handing over schedule after the recommencement of works. The CEDD estimated that the section concerned of the Central - Wan Chai Bypass and Island Eastern Corridor Link (CWB) tunnel could only be completed for handing over to the HyD's contractor for carrying out the aforementioned subsequent works by mid-2017. As such, the HyD anticipated that the related subsequent works could not be completed within the same year. In other words, the CWB could not be commissioned in 2017 as originally scheduled. The HyD together with their consulting engineer and resident site staff will continue to closely monitor the works progress of the CWB project and will duly assess the schedule of works with the aim of commissioning the CWB as early as possible.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6798TH	Improvement to Pok Oi Interchange	Approved by F.C. Current forecast	264.800 264.800	Q3 2012 11/12	mid 2015 Q4/16	<p>reprovisioned Kiu Tau footbridge were in progress.</p> <p>The revision in the project completion date is due to the longer than expected time required for land resumption and clearance.</p> <p>Works contract was substantially completed. The Tuen Mun bound slip road along Yuen Long Highway was opened to the public on 7 February 2015. The segregated left turn lane at Pok Oi Roundabout was opened to the public on 27 February 2016. Some traffic signs were required to be modified and some urgent defect rectification works needed to be carried out before the road opening of the Kowloon bound flyover and slip roads at Pok Oi Interchange next to Yuen Long Highway. As a result, the road opening was deferred from 30 September to 15 October 2016.</p>
6844TH	Hong Kong—Zhuhai—Macao Bridge Hong Kong Link Road	Approved by F.C. Current forecast	25,047.200 25,047.200	mid 2012 05/12	end 2016 end 2017	<p>The works are being implemented under two design and build contracts and were about 76% completed. Works in progress include reclamation, seawalls and tunnels construction, production of precast bridge segments and utility trough units for the viaducts. Deck segments erection for land viaduct was completed, while deck segments erection for marine viaduct was in progress. Utility trough erection for both marine viaduct and land viaduct were in progress.</p>
6845TH	Hong Kong—Zhuhai—Macao Bridge Hong Kong Boundary Crossing	Approved by F.C. Current forecast	35,895.000 35,895.000	end 2011 11/11	end 2016 end 2017	<p>The reclamation works contract no. HY/2010/02 commenced on 30 November 2011 and was about 92% completed. Seawall rock armour placing and surcharge removal work were</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
	Facilities—Reclamation and Superstructures					<p>in progress.</p> <p>The part of works at the Airport Island entrusted to the Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Project commenced in May 2012. The Traffic Control and Surveillance System works (Contract No. HY/2013/05) for Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities and Hong Kong Link Road, and Tuen Mun-Chek Lap Kok Link Southern Connection commenced on 17 January 2014. The works contracts for Passenger Clearance Building (Contract No. HY/2013/01), Infrastructure Works Stage I (Western Portion) (Contract No. HY/2013/02), Infrastructure Works Stage II (Southern Portion) (Contract No. HY/2013/04), Vehicle Clearance Plazas and Ancillary Buildings and Facilities (Contract No. HY/2013/03), Automatic Vehicle Clearance Support System (Contract No. HY/2013/06), Gantry Type X-ray Vehicle Inspection System contract (Contract No. HY/2014/04) and Remaining Ancillary Buildings and Facilities contract (Contract No. HY/2014/05) commenced on 25 April 2014, 25 July 2014, 13 March 2015, 10 April 2015, 14 August 2015, 31 December 2015 and 31 December 2015 respectively.</p>
6846TH	Tuen Mun—Chek Lap Kok Link—detailed design, site investigation and advance works	Approved by F.C. Current forecast	1,909.600 1,909.600	end 2011 11/11	early 2016 Under review	<p>The southern landfall reclamation is entrusted to the reclamation works Contract No. HY/2010/02, which commenced on 30 November 2011 and was about 94% completed. Seawall construction and surcharging work were in progress. The ground investigation contract was completed with the account finalized on 20 August 2014.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6855TH	Road improvement works for West Kowloon Reclamation Development (Phase 1)	Approved by F.C. Current forecast	845.800 845.800	01/15 03/15	mid 2018 mid 2018	Works were about 17.7% completed with utilities diversion, piling works, construction of retaining structures, autotoll lane switching works at Western Harbour Crossing and junction improvement works at Canton Road in progress.
6857TH	Tuen Mun—Chek Lap Kok Link—construction works	Approved by F.C. Current forecast	44,798.400 44,798.400	06/13 06/13	end 2018 Under review <sup>2</sup>	The first three contracts commenced on 22 June 2013, 5 August 2013 and 21 July 2014, and their works were about 46%, 38% and 49% completed respectively. Tender for the fourth contract for the Northern Connection Tunnel Building and E&M Works was closed on 5 August 2016. The remaining contract is planned to be invited in Q4 of 2016. At the Northern Connection, the first phase of reclamation works was completed, site formation and bridge works for the toll plaza, and tunnel construction were in progress. At the Southern Connection, construction of marine and land viaducts was in progress.
7872TH	Tseung Kwan O – Lam Tin Tunnel – main tunnel and associated works	Approved by F.C. Current forecast	15,093.500 15,093.500	07/16 07/16	mid 2021 mid 2021	Works for the first two contracts, i.e. the main tunnel and Road P2 reclamation in Tseung Kwan O, commenced on 11 and 29 July 2016 respectively. Site clearance, initial surveying works and baseline environmental monitoring works are in progress.  Tender for construction of a footbridge in Tseung Kwan O was closed in September 2016. Tender assessment is in progress.

<sup>2</sup> As announced by the Highways Department (HyD) on 31 October 2016, it is believed that the TM-CLKL project cannot be completed according to the original plan. The HyD has been closely monitoring the progress of the works to overcome the technical difficulties, and will endeavor to catch up with the progress, and carry out a comprehensive review on the commissioning of TM-CLKL.

## Appendix

- A. Projects which were completed in the quarter ending June 2016 and have been excluded from this report:

	<b><u>Item</u></b>	<b><u>Title</u></b>
1	4351DS	Harbour Area Treatment Scheme (HATS) Stage 2A – planning and design of the upgrading works of Stonecutters Island sewage treatment works and the preliminary treatment works
2	4373DS	Lam Tsuen Valley sewerage, stage 1

- B. Projects which were completed in the quarter ending September 2016 and will be excluded from the next report onwards:

	<b><u>Item</u></b>	<b><u>Title</u></b>
1	3049RG	Public library and indoor recreation centre in Area 3, Yuen Long
2	4371DS	Sewerage in western Tuen Mun
3	4375DS	Sewerage in Ping Kong, Fu Tei Pai and Tai Wo
4	4378DS	North District sewerage, stage 2 part 2A – Pak Hok Lam trunk sewer and Sha Tau Kok village sewerage
5	6056TR	South Island Line (East) – essential public infrastructure works
6	7744CL	Formation, roads and drains in Area 54, Tuen Mun – phase 2 stage 1 works

## C. Abbreviations

APE	approved project estimate
ATC	Area Traffic Control
CCTV	Closed circuit television
CEDD	Civil Engineering and Development Department
DC	District Council
DIA	Drainage Impact Assessment
DSD	Drainage Services Department
E&M	Electrical and Mechanical
EMSD	Electrical and Mechanical Services Department
EIA	Environmental Impact Assessment
FAT	Factory Acceptance Tests
F.C.	Finance Committee
FEHD	Food and Environmental Hygiene Department
FSTB	Financial Services and the Treasury Bureau
HD	Housing Department
HyD	Highways Department
LED	Light Emitting Diode
MTRCL	MTR Corporation Ltd.
PTI	Public Transport Interchange
PWSC	Public Works Subcommittee
STW	Sewage Treatment Works
TBM	Tunnel Boring Machine
TIA	Traffic Impact Assessment
UV	Ultra-violet
WSD	Water Supplies Department