

**Quarterly Report**  
**on**  
**Public Works Programme**  
**for**  
**October – December 2017**

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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 September 2017, four projects were completed. These projects are no longer included in this report. In the quarter ending December 2017, another seven 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  
August 2018

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 56% completed. Superstructure construction, internal fitting-out and building services works 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 82% completed. Superstructure construction was completed. Internal finishes and building services works 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 06/18	Works were about 94% completed. River bed deepening 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 and extra flood protection improvement measures to cater for the heavy rainfall events particularly in 2017, and enhancement works for road drainage system at Choi Hung Road.
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 10/17	Works were all completed in October 2017.

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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 11/17	Works were substantially completed in November 2017.
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 session as originally envisaged. The award of a major remaining Contract 6 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. In addition, two remaining contracts on the cross boundary bridges and the traffic control and surveillance system commenced on 11 December 2015 and 27 April 2016 respectively.</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, 4, 6 and 7 were 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 complete the project by end 2018 as far as possible.</p>
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 10/17	The change of the project start date was due to the actual F.C. approval date being two months later than that originally planned. Site planting works commenced in mid-2015. The works contracts for implementation of greening measures in Tuen

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
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 12/29	<p>Mun, Yuen Long, Sha Tin and Sai Kung were substantially completed in October 2017.</p> <p>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 had been put into operation at the same time. With the use of non-dredged seawall construction methods in reclamation projects, the disposal demand of contaminated sediment had dropped recently and the lifespan of the mud pits to the ESC had been prolonged accordingly. Based on the latest estimate, it was anticipated that the remaining disposal facility to the ESC would be exhausted by 2027 and the subsequent capping would be completed by 2029.</p> <p>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.</p> <p>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.</p>
7167CD	Kai Tak development – reconstruction and	Approved by F.C. Current forecast	2,488.200 2,438.200	01/13 01/13	04/18 04/18	<p>Works were about 88% completed. The project estimate was revised taking into account the reduction in contingency.</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
7259RS	upgrading of Kai Tak Nullah  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	Site formation, subway, retaining walls and toilet construction works were in progress. Works were about 37% completed.
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 06/22	<p>Four of the six works contracts have commenced and the construction works were about 93.3% completed as at end December 2017. The contract for constructing Central-Wan Chai Bypass (CWB) tunnel structures over the existing MTR Tsuen Wan Line tunnel was completed in July 2013. The contract for construction of CWB underneath the Hong Kong Convention and Exhibition Centre was substantially completed in May 2016.</p> <p>Part of the road works under the project was entrusted to HyD for completion under the Shatin to Central Link (SCL) project. Relevant road works could only be completed in mid-2021 after completion of the SCL railway works within the same sites.</p> <p>The construction of pedestrian connections and associated road works under the remaining two works contracts would be implemented along with the future development of the Wan Chai North waterfront, the implementation plan of which is being studied under the ongoing Urban Design Study for the Wan Chai</p>

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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 5,118.300	Q4/15 11/15	2019 12/19	North and North Point Harbourfront Areas (UDS). The estimated completion date of June 2022 would be reviewed having regard to the outcome of the UDS.  Works were about 47% completed. The project estimate was revised due to lower tender prices.
7756CL	Ma On Shan development – roads, drainage and sewerage works at Whitehead and Lok Wo Sha, phase 2	Approved by F.C. Current forecast	252.800 208.348	06/15 07/15	12/17 03/18	The works contract commenced on 24 July 2015 for completion by March 2018.  Due to the extra time taken in assessment of tenders received, the commencement and target completion of the works were deferred for about 1 month to July 2015 and January 2018 respectively. Due to the progress of drainage works at Wu Kai Sha Road affected by uncharted underground utilities and unforeseen underground obstructions, the completion date of the works is extended for another 2 months to March 2018.  The project estimate is lower than the F.C. approved estimate because of lower tender prices of the works contract.
7761CL	Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak	Approved by F.C. Current forecast	2,255.300 2,001.300	07/13 07/13	06/17 Q1/18	Works were about 95% completed. The project estimate was revised taking into account the reduction in contingency. All the development sites served by this project were handed over to the Lands Department through provision of temporary



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	Airport					construction access. Stage 3A infrastructure was substantially completed in June 2017. Owing to the unsatisfactory progress of Stage 4 works, the anticipated completion date was revised to Q1 of 2018.
7814CL	Tung Chung New Town Extension – Reclamation and Advance Works	Approved by F.C. Current forecast	20,210.000 20,210.000	end 2017 end 2017	end 2023 end 2023	F.C. approved the funding for the reclamation and advance works on 13 October 2017 and the Works commenced on 29 December 2017.
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 76% 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 76% 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 1,852.800	09/16 09/16	end 2020 end 2020	Works commenced in stages starting from 28 September 2016 and were about 17% completed. The project estimate was adjusted downward mainly due to the low tender prices of Stage 5A and Stage 3B infrastructure works.
7799CL	Tung Chung New Town Extension – detailed	Approved by F.C. Current forecast	729.500 645.000	06/16 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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	design and site investigation					September 2016 respectively. The works contract for the reclamation and advance works commenced on 29 December 2017. Detailed design for Tung Chung East infrastructure works and for Tung Chung West site formation and infrastructure works is in progress.  The current forecast of the Project Estimate is based on the awarded consultancy fees.
7801CL	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	Works were about 37% completed.
7803CL	Development of Anderson Road Quarry Site – Site Formation and Associated Infrastructure Works	Approved by F.C. Current forecast	7,693.400 7,693.400	11/16 12/16	02/22 02/22	Longer time was required for complicated financial capability checking in tender assessment for the first works contract. Works contracts commenced in phases since December 2016 with forecast completion remains as scheduled. The works were about 16% completed.
9043WS	Upgrading of Wan Chai salt water supply system	Approved by F.C. Current forecast	271.100 271.100	11/09 08/10	12/14 12/18	Contract of mainlaying works (Contract No. 9/WSD/11) was awarded in January 2012 and progress of works was behind schedule. To expedite the progress, trenchless mainlaying works was adopted for mainlaying works along Fenwick Street (between Johnston Road and Gloucester Road). However,

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9053WS	Upgrading of Chai Wan salt water supply system	Approved by F.C. Current forecast	379.100 379.100	12/16 11/16	early 2020 early 2020	<p>additional time and efforts were required for further liaison with Gas company, handling of unforeseen utilities and obstruction and to strengthen the safety measures in compliance with the new Guidance Notes on Safety and Health of Hand-dug Tunnelling Works. In view of the difficulties encountered and the additional time and effort to be taken to resolve them, it is expected the contract completion date would be deferred from June to December 2018 while we would continue our endeavour to complete it at the practicable earliest. Mainlaying works were in progress and were about 84% completed.</p> <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. 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 at MacDonnell Road and Bowen Road commenced in May 2015. The Contract was substantially completed on 31 May 2017.</p> <p>Civil works Contract No. 7/WSD/16 commenced on 28 April 2017. Mainlaying works was about 1% completed and upgrading works for pumping station was about 2% completed.</p> <p>E&amp;M works Contract No. 9/WSD/17 commenced on 20 November 2017. Site preparation works was 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
9198WC	Implementation of Water Intelligent Network, stage 1	Approved by F.C. Current forecast	239.700 239.700	end 2016 12/16	end 2019 end 2019	Contract No. 10/WSD/16 commenced on 23 December 2016. Construction of pressure management and district metering installations was in progress and about 14.8% completed.
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 08/18	<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>As for Contract No. 4/WSD/11, all works including the new service reservoirs and the mainlaying works in Shek Kip Mei and Kowloon City areas were substantially completed on 9 March 2017.</p> <p>As for Contract No. 15/WSD/10, works were about 90% completed. Civil works of the process buildings were substantially completed in June 2017 while E&amp;M installation works were in progress. The commissioning test of the proposed new water treatment train, namely Stream II originally scheduled for completion by May 2018 was delayed due to the extra time required by the Contractor to obtain the approval of the dangerous goods and manufacturing licences for the ozone generation plant (OGP) system. As ozone is a major disinfectant used in Stream II, the commissioning of the OGP system is critical to the overall commissioning of Stream II, which was therefore deferred from May to August 2018 and hence, completion of the Contract.</p>
9350WF	Improvement of water supply to Sheung Shui	Approved by F.C. Current forecast	521.300 521.300	end 2016 09/16	early 2020 early 2020	The main civil works contract, namely Contract no. 4/WSD/16, commenced on 28 April 2017. Site formation works of the

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9356WF	and Fanling Uprating of Tung Chung fresh water supply system	Approved by F.C. Current forecast	300.200 300.200	Q4/17 Q4/17	Q3/20 Q3/20	service reservoir and mainlaying works were about 50% and 2% completed respectively.  Advance works commenced in December 2017 whereas the main civil works contract, namely Contract No. 4/WSD/17 is anticipated to be awarded in Q1 of 2018.
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 12/18	The site formation works for Logistics Centre was substantially completed. The construction of the bored piles retaining wall behind the WTW Logistic Centre was in progress and was about 45% completed.  The construction of superstructure of Logistics Centre was about 15% completed. The construction of Logistics Centre was scheduled for substantial completion in December 2018.  The construction of L-shaped retaining walls, bored pile lagging walls and access road along North Circular Road was substantially completed. The construction of the temporary power house was in progress and was about 65% completed.
9363WF	Upgrading of disinfection facilities in water treatment works	Approved by F.C. Current forecast	875.600 875.600	Q4/17 Q1/18	Q1/21 Q1/21	Tenders for the works contracts, namely Contract no. 5/WSD/17, 6/WSD/17 and 7/WSD/17, were invited in Q3 of 2017. Due to extension of tendering period, the works contracts are anticipated to be awarded and commenced in Q1 of 2018.

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9364WF	Design and construction for first stage of desalination plant at Tseung Kwan O – mainlaying	Approved by F.C. Current forecast	720.500 720.500	Q4/17 Q4/17	Q2/22 Q2/22	The mainlaying contract, namely Contract No. 13/WSD/16, commenced on 16 November 2017. Site preparation works was in progress.

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
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 12/17	Works were substantially completed in December 2017.  The delay in completion of the project was due to extra time required for fire services inspection and unforeseen underground condition for drainage connection works.
3109ET	A school for social development for boys in Area 2B, Tuen Mun	Approved by F.C. Current forecast	408.500 408.500	late 2016 12/16	early 2019 early 2019	Works were about 21% completed. Piling works were substantially completed. Pile cap construction and geotechnical works 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 60% completed. Superstructure construction was substantially completed. Internal fitting-out and building services works were in progress.
3111ET	A special school for students with mild, moderate and severe intellectual disabilities in Area 108, Tung Chung	Approved by F.C. Current forecast	334.700 334.700	Q2/17 06/17	Q3/19 Q3/19	Works were about 12% completed. Piling works were in progress.
3271ES	A 30-classroom secondary school at Site 1A-2, Kai Tak development	Approved by F.C. Current forecast	446.700 446.700	late 2016 12/16	early 2019 early 2019	Works were about 12% completed. Piling works were in progress.



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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 58% completed. Superstructure construction was in progress.
3353EP	A 30-classroom primary school at Site KT2b, Development at Anderson Road, Kwun Tong	Approved by F.C. Current forecast	351.100 351.100	late 2016 12/16	late 2018 late 2018	Works were about 28% completed. Footing construction was completed. Superstructure construction was 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
4380DS	Construction of dry weather flow interceptor at Cherry Street box culvert	Approved by F.C. Current forecast	664.600 664.600	Q3/17 12/17	Q4/22 Q4/22	The works contract commenced in December 2017. Site preparatory works were in progress.
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 were about 12% completed. The pipe laying works at Cheung Tung Road and along the access road to Siu Ho Wan sewage treatment works were in progress.
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 04/18	Works were about 96% completed. Sewerage works at Pak Kong, Clear Water Bay Road and the area in vicinity of Fei Ngo Shan Road were in progress. The delay is due to a longer time required to encounter unexpected rock excavation in certain locations of Clear Water Bay Road (e.g. near Esso petrol station and near Lung Wo Tsuen) and thus the completion date was revised from March 2018 to April 2018.
4393DS	Rehabilitation of trunk sewers in Kowloon, Sha Tin and Sai Kung	Approved by F.C. Current forecast	678.500 678.500	Q4/17 01/18	Q1/22 Q1/22	It was at tender assessment stage. Longer time was required for tender assessment and the works contract was targeted for commencement in January 2018.
4394DS	Upgrading of Kwun Tong preliminary treatment works	Approved by F.C. Current forecast	349.900 349.900	Q2/17 07/17	Q2/22 Q2/22	Works were about 8% completed. Tender procedure of subcontracting and purchase were vetted in this quarter. One of the screw pumps had been fabricated and delivered to site.

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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 04/18	Installation works was in progress.  Works were about 95% completed. Construction of the additional sewer from Pai Tau Street to Tai Po Road – Sha Tin and the remaining works at Kau To sewage pumping station were in progress.
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 11/18	Works were about 80% completed. Sewer laying works in Nam Wa Po had been substantially completed. Construction of sewers in Wai Tsuen and construction of Wai Tau Tsuen Trunk 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 95% completed. The village sewerage works at Tai Peng Village, O Tsai Village and Sha Po New Village were in progress. Outstanding E&M works 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 66% completed. Sewer laying works in Kei Lun Wai, Lam Tei, 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. Sewer laying works in Tsing Shan Tsuen and Yeung Siu Hang were substantially completed in June 2017 and February 2018 respectively.

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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 24% completed. The alternative permanent access connecting Ha Tsuen Road and local village road was opened to public on 29 November 2017. 95% of the piling works were completed. Detailed design works, the construction of the remaining piling works and sub-structure works were in progress.
4413DS	Enhancement works for Kwun Tong sewage pumping station	Approved by F.C. Current forecast	1,054.500 1,054.500	Q3/17 Q4/17	Q4/22 Q4/22	The works contract commenced on 31 December 2017. Site preparatory works were in progress.
4418DS	Upgrading of West Kowloon and Tsuen Wan sewerage	Approved by F.C. Current forecast	277.400 277.400	Q3/17 Q3/17	Q2/22 Q2/22	The contract commenced on 28 September 2017. The contractor was liaising with Transport Department and the Police on temporary traffic arrangements for the construction of dry weather flow interceptors. Trial pit inspection was 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, Phase II and Phase III (Package A) works were substantially completed. The pipe laying works and electrical and mechanical installation of the DCS Phase III (Package B) were 93% and 75% completed respectively. The DCS Phase III (Package C) only includes pipe laying works which was about 18% completed.

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5163DR	Northeast New Territories Landfill Extension	Approved by F.C. Current forecast	7,510.000 7,510.000	mid 2016 Q4/19	mid 2030 Q4/34	<p>Northeast New Territories (NENT) landfill has been receiving less waste than forecasted since the implementation of waste diversion from SENT in January 2016. As landfilling spaces are our valuable resources, we should optimize their use by filling NENT landfill to its full capacity.</p> <p>We are reviewing the implementation programme of NENT Landfill Extension (NENTX) taking into consideration the filling rate of the existing NENT landfill; the waste distribution amongst the three landfills; and the need to maintain continuity of waste disposal service in transition from NENT to NENTX. Based on our current estimates, the delay will not jeopardize the succession of NENT landfill.</p>
5164DR	Southeast New Territories Landfill Extension	Approved by F.C. Current forecast	2,101.600 2,101.600	late 2015 mid 2018	2025 mid 2028	<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. Due to the delay of TKO Area 137 site handing over, the forecast project start date is being reviewed in close liaison 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 07/18	<p>The Contractor is now carrying out the remaining electrical installation and rectification works, and the preparation of statutory submissions and site works relating to the usage of the Fire Services and Notifiable Gas Installations. Testing and commissioning of various systems have commenced since July 2017.</p>

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5177DR	Integrated waste management facilities phase 1	Approved by F.C. Current forecast	19,203.700 19,203.700	2016 – 2017 12/17	2022 – 23 2024	<p>The project encounters some delay in obtaining approval from statutory authorities, due to the uniqueness and complication of Organic Waste Treatment Facilities phase 1 (OWTF1) project, and the fact that overseas experience could not be directly applied. Statutory authorities, in particular the FSD and EMSD, require a longer time to review the situation of the plant before granting an approval. In addition, the adverse weather and typhoons encountered during the construction stage have also contributed to the delay in the development progress of OWTF1. Moreover, to ensure the power export from the OWTF1 to the existing CLP's power grid would not affect the current electricity supply to the Siu Ho Wan area, there was some delay in CLP's approval on the power export arrangement and delivery of equipment from overseas.</p> <p>The OWTF1 is targeted to receive food waste for testing and commissioning (T&amp;C) in early 2018 and complete the T&amp;C process around mid-2018.</p> <p>There was a delay in the approval of the funding proposal by Financial Committee from May 2014 to January 2015. Upon approval, the prequalification exercise was commenced in March 2015. The prequalification exercise and preparation of tender documents were completed. The tenders for the Design-Build-Operate (DBO) contract were invited from the four prequalified tenderers in November 2016. The tender was closed on 16 June 2017. The DBO contract was awarded in November 2017 and the Design and Works were commenced in December 2017 for commissioning the facility in 2024.</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
5180DR	Development of waste electrical and electronic equipment treatment and recycling facility	Approved by F.C. Actual	548.600 548.600	early 2015 early 2015	early 2017 10/17	The design-build-operate contract was awarded on 31 March 2015. All construction works were substantially completed. Testing and commissioning was also completed.  The facility has commenced its initial operation in October 2017.
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 08/19	The contract was awarded on 17 December 2015 and works commenced on 28 December 2015. Construction of substructures for noise barriers were in progress. The works were about 32% completed by end of Q4 of 2017. The change of project completion date was mainly due to the changes on foundation design resulted from uncharted utilities and inclement weather.
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	The contract was awarded on 15 June 2016 and works commenced on 28 June 2016. Construction of substructures and erection of steelworks for noise barriers were in progress. The works were about 25% completed by end of Q4 of 2017.



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 26% completed. Superstructure construction was in progress.

Secretary for  
Food and Health

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
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	Works were about 22% completed. Superstructure construction was in progress.
3022NB	Provision of Columbarium at Wo Hop Shek Cemetery – Phase 1	Approved by F.C. Current forecast	945.600 945.600	late 2016 12/16	end 2019 end 2019	Works were about 21% completed. Site formation, soil nail and piling works were in progress.
3093MM	Redevelopment of Prince of Wales Hospital, phase 2 (stage 1) – preparatory works	Approved by F.C. Current forecast	1,231.100 1,231.100	end 2017 09/17	N/A Q4/25	Consultancy agreement commenced in September 2017. Tender documentation for the construction of the decanting building at Shatin Hospital was in progress.
3086MM	Extension of Operating Theatre Block for Tuen Mun Hospital	Approved by F.C. Current forecast	2,729.700 2,729.700	Q3/17 09/17	Q4/21 Q4/21	Works were about 1% completed. Construction of ancillary buildings and utilities diversion works 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 60% completed. Internal fitting-out and building services works were in progress.
3182GK	Reprovisioning of Food and Environmental Hygiene Department Sai Yee Street Environmental Hygiene	Approved by F.C. Current forecast	1,549.900 1,549.900	early 2016 12/15	Q3/20 Q3/20	Works were about 61% completed. Superstructure 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>
5816CL	offices-cum-vehicle depot at Yen Ming Road, West Kowloon Reclamation Area  Site formation and associated infrastructural works for development of columbarium at Sandy Ridge Cemetery	Approved by F.C. Current forecast	1,849.600 1,849.600	Q4/17 Q4/17	Q2/21 Q2/21	The first of the two works contracts under the Project commenced in December 2017. Tenders for the second contract were invited in December 2017.

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
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 41% completed. Superstructure construction was substantially completed. Internal finishes and building services works were in progress.
3057RG	Sports centre, community hall and football pitches in Area 1, Tai Po	Approved by F.C. Current forecast	2,163.100 2,163.100	late 2016 02/17	late 2020 02/21	Works were about 8% completed. Piling works and excavation and lateral support works for basement construction were in progress.  Project programme was revised as longer time was required in preparation of tender documents in order to address PWSC's comments.
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 26% completed. Pile cap construction and excavation and lateral support works for basement construction 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 55% completed. Superstructure construction for expansion portions was 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 31% completed. Pile cap construction was completed. Superstructure construction was in progress.
7790CL	Infrastructure Works for West Kowloon Cultural District, phase 1- First	Approved by F.C. Current forecast	840.500 764.100	Q4/15 07/15	Q4/18 Q4/18	Works were about 76% completed. The project estimate was revised due to lower tender prices.

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
7791CL	<p>Construction Package</p> <p>Integrated Basement for West Kowloon Cultural District – first and second stages of design, site investigation and construction works</p>	<p>Approved by F.C. Current forecast</p>	<p>2,919.500 2,444.580</p>	<p>Q4/15 09/15</p>	<p>Q1/19 Q1/19 (for construction works)  Q4/19 (for design)</p>	<p>Works were about 84% completed. The project estimate was revised due to lower tender prices.</p> <p>The target completion date of construction works under 7791CL would be Q1/2019 as scheduled. The target completion date of design for Zones 2A, 2B and 2C of the integrated basement under 7791CL was updated to Q4/2019 to tie in with the latest West Kowloon Cultural District Authority's programme.</p>



Secretary for Justice

<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>
3118KA	Renovation works for the West Wing of the former Central Government Offices for office use by the Department of Justice and law-related organisations	Approved by F.C. Current forecast	1,078.900 1,078.900	Q4/16 10/16	Q4/18 Q4/18	Works were about 49% completed. Structural modification, conservation and building services works were in progress.

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
3063JA	Construction of staff quarters for Correctional Services Department at Tin Wan, Aberdeen	Approved by F.C. Current forecast	256.100 256.100	late 2016 01/17	Q2/19 Q2/19	Works were about 9% completed. Pile cap construction was in progress.
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 05/18	Works were about 67% completed. Superstructure construction was in progress.  Project completion date was revised because of the delay in foundation works due to deeper bedrock level than originally expected.
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 66% completed. Superstructure construction was completed. Internal fitting-out and building services 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 43% completed. Superstructure construction was in progress.
3070JA	Redevelopment of Junior Police Officers Married Quarters at Fan Garden, Fanling	Approved by F.C. Current forecast	2,827.900 2,872.900	Q2/17 06/17	Q4/20 Q1/21	Works were about 3% completed. Demolition of the existing quarters was completed. Substructure and superstructure construction for reprovisioning portion 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>
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	Works were about 18% completed. Piling works 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
B781CL	Infrastructure works for public housing development at Area 54, Tung Chung	Approved by F.C. Current forecast	284.800 284.800	mid 2017 11/17	mid 2020 end 2020	The infrastructure works contract commenced in November 2017 for completion in end 2020. Works were about 1% completed.
B783CL	Infrastructure works for development at Queen's Hill, Fanling	Approved by F.C. Current forecast	1,459.500 1,459.500	late 2016 12/16	late 2019 late 2019	Works were about 29% completed. Sewerage works were in progress. Liaison work and site works for Lung Ma Road and various road junctions were in active progress.
B813CL	Site formation and infrastructure works for public housing developments at Chung Nga Road and Area 9, Tai Po	Approved by F.C. Current forecast	1,146.800 1,146.800	mid 2017 08/17	late 2022 late 2022	The site formation works entrusted to Hong Kong Housing Authority were about 3% completed. Site clearance and tree felling works were in progress.  The infrastructure works carried out by CEDD were about 6% completed. Enabling works of temporary traffic arrangement for drainage, sewerage and water works were in progress.
B062RG	Sports centre, 5-a-side soccer pitch and public library facilities at Northwest Kowloon Reclamation Site 6, Sham Shui Po	Approved by F.C. Current forecast	1,564.600 1,564.600	late 2016 12/16	early 2020 early 2020	Works were about 17% completed. Piling works were substantially completed. Pile cap construction was in progress.
B289RS	Sports centre at Choi Wing Road, Kwun Tong	Approved by F.C. Current forecast	609.600 609.600	early 2017 01/17	early 2021 early 2021	Works were about 10% completed. Footing construction was completed. Superstructure construction was in progress.

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	Works were about 78% completed. Internal finishes and building services works were in progress.
B081TI	Public Transport Interchange and Associated Works at Kiu Cheong Road East, Ping Shan	Approved by F.C. Current forecast	602.200 511.985	late 2015 11/15	early 2018 05/18	<p>Works commenced in November 2015. Foundation works for the Public Transport Interchange were completed. The structural steel off-site fabrication for the Public Transport Interchange cover and on-site assembly were 100% and 80% completed respectively.</p> <p>Piling works for footbridge and lift tower were both 100% completed. The construction of lift tower was completed. The steel bridge off-site fabrication was over 90% completed. Two sections of the steel bridge were erected. Three remaining sections of the steel bridge would be erected in Q1 of 2018.</p> <p>The slightly delayed completion date was due to inclement weather.</p>
5114AP	Providing sufficient water depth for Kwai Tsing	Approved by F.C. Current forecast	488.200 488.200	10/13 08/13	02/16 Under	The dredging works for Kwai Tsing Container Basin and its approach channel were substantially completed in April 2016.



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
	Container Basin and its approach channel				review	Over 99.9% of the area has reached sufficient water depth.
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 12/18 (Subject to review)	<p>Significant increase in the amount of seabed rock requiring removal was identified during the rock breaking operation which could not be envisaged from the previous marine ground investigation results. Very hard rock at the seabed was encountered during the breaking operation. The way forward is under review for completing the residual rock outcrop off the container berth at the north-eastern end of the container basin.</p> <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 had 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 were still under public consultation, the design works would be completed in phases. The entire completion date would be subject to review.</p>
6052TR	Hong Kong Section of Guangzhou- Shenzhen -Hong Kong Express Rail Link - Design and Site	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 were also required to prepare and submit all the as-built drawings. As the construction works had been targeted for completion in</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
6053TR	Investigation 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	Q3/2018, the end date was revised accordingly.  On 11 March 2016, the F.C. approved the increase in Approved Project Estimate (APE) by \$15,387.5 million to \$70,405 million in MOD prices. As at end December 2017, the works were about 88.7% completed based on the revised APE. Architectural Builders' Works and Finishes, building services and electrical and mechanical works at West Kowloon Station and testing and commissioning of XRL were in progress.
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 APE by \$4,215 million to \$16,015 million in MOD prices. As at end December 2017, the works were about 92.9% completed based on the revised APE. Construction of enabling works, essential public infrastructure works and reprovisioning, remedial and improvement works were in progress.
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 72% completed.  Due to 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 commissioning date of “Tai Wai to Hung Hom Section” was deferred to end 2019. However, with the efforts of the construction team, the delay recovery measures implemented at the “Tai Wai to Hung Hom Section” had been picking up the pace progressively. Therefore, the current target was to commission the Tai Wai to Hung Hom Section in

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>mid-2019.</p> <p>For the “Hung Hom to Admiralty Section”, due to the impact of site handover arrangement of WDII and to allow flexibility for the construction of new convention facilities above Exhibition Station, the commissioning date remained in 2021.</p> <p>The civil works for Hin Keng Station were substantially completed. Construction of the Diamond Hill Station remaining structure at the TBM launching shaft was substantially completed. Building services and architectural builders works and finishes (ABWF) for Hin Keng Station, Diamond Hill Station, Kai Tak Station and To Kwa Wan Station (formerly known as Ma Tau Wai Station) were in progress. The structural works for Sung Wong Toi Station (formerly known as To Kwa Wan Station) was substantially completed, whereas building services and ABWF works were in progress. Overhead lines at the track sections between Hin Keng and Kai Tak stations were energized in end 2017 and are being tested. Trial runs were being conducted within this section for the dynamic tests of various systems. On the other hand, the fitting-out works and E&amp;M works in the tunnel between Sung Wong Toi Station and Ho Man Tin Station were in progress.</p> <p>At Hung Hom, tunnel structural work had been substantially completed. The eastbound and westbound carriageways of Chatham Road North affected during tunneling works had been reinstated to their original alignments. The building services works and E&amp;M works under the podium at Hung Hom Station were in progress and was about 68% completed as at end-December 2017. Modification works at Hung Hom</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>Station Concourse were in progress and target for FSD inspection in end January 2018.</p> <p>For the cross harbour section, the first immersed tube tunnel (IMT) pre-cast unit was installed at Causeway Bay Typhoon Shelter (CBTS) in June 2017. As at end December 2017, seven IMT units had been installed at Victoria Harbour and CBTS out of a total of 11 units.</p> <p>For Exhibition Centre Station, excavation at the ex-Wan Chai public transport interchange, ex-Wan Chai swimming pool, Fleming Road works site and the western approach tunnels were in progress. The construction of permanent tunnel structure underneath Hong Kong Convention and Exhibition Centre was underway.</p> <p>The tunnel boring machine (TBM) drive for the tunnel from Police Officers' Club to Exhibition Centre Station was completed. The TBM excavation for the uptrack and downtrack tunnels from Fenwick Pier Street to Admiralty Station was successfully completed in May 2017 and November 2017 respectively.</p> <p>Works were about 82% completed.</p> <p>All items of the Tsz Wan Shan Pedestrian Link had been completed.</p> <p>The re-provisioning of Harbour Road Sports Centre was completed and opened for public use in May 2017.</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
6063TR	Shatin to Central Link – construction of railway works – advance works	Approved by F.C. Current forecast	7,102.600 7,102.600	12/11 12/11	12/15 12/17	<p>For re-provisioning of Police Officers' Club at Causeway Bay, piling works had been completed and preparation works for construction of concrete structure was in progress.</p> <p>Works were substantially completed.</p> <p>The F.C. approved increasing the Approved Project Estimate from \$6,254.9 million to \$7,102.6 million at its meeting on 17 June 2017.</p>
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 12/17	<p>Works were substantially completed.</p> <p>The new Mail Centre had been completed and handed over to Hongkong Post for operation. The Harcourt Garden was targeted to hand over to LCSD in March 2018.</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 135 items.</p> <p>Phase 1 construction works commenced in stages from December 2011 for progressive completion from 2014 to January 2016.</p> <p>The design works commenced in stages from August 2011 and were about 96% completed.</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
6461TH	Central Kowloon Route – Main Works	Approved by F.C. Current forecast	42,363.900 42,363.900	Q4/17 12/17	2025 2025	(*The design works for most of the items have been completed by 2017 as scheduled. Due to late availability of site, site constraints, etc., the design works for a few items will go beyond 2017, and HyD is now revisiting the timing of completion of such works.)  Funding for the project was approved by the F.C. on 20 October 2017 with works commenced on 8 December 2017 for commissioning in 2025.
6579TH	Central-Wan Chai Bypass & Island Eastern Corridor Link	Approved by F.C. Current forecast	36,038.900 36,038.900	end 2009 07/09	2017 end 2018/ Q1/19 <sup>1</sup>	The increase in APE was approved by the F.C. on 24 January 2014. Works were about 86.4% 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	Q3/20 end 2020	The contract started on 30 March 2016. The works were about 20.2% completed by end of Q4 of 2017. Construction of Ho Chung Bridge (Kowloon-bound), retaining walls and noise barriers were in progress.

<sup>1</sup> As mentioned in the context of the 2017 Policy Address, the Central-Wan Chai Bypass and the Island Eastern Corridor Link (CWB), originally scheduled for completion in 2017, was hampered by delays due to unforeseeable problems in work site handover. The Highways Department together with their consulting engineer will closely monitor the works progress, assess the implications of the potential risks, and urge the contractors to adjust the schedule of works and take measures correspondingly, with the target of achieving full commissioning of the CWB in end 2018 or in the first quarter of 2019.

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
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 56% completed. Constructions of footbridges, noise barriers, retaining walls and road works were in progress.</p> <p>Works for the portion entrusted to CEDD for implementation under Contract No. CV/2012/09 were about 63.2% completed. Construction of reprovisioned Kiu Tau footbridge, noise barriers and road drainages and diversion of watermains were in progress.</p> <p>The revision in the project completion date was due to the longer than expected time required for land resumption and clearance.</p>
6844TH	Hong Kong—Zhuhai—Macao Bridge Hong Kong Link Road (HKLR)	Approved by F.C. Current forecast	25,047.200 25,047.200	mid 2012 05/12	end 2016 The governments of Guangdong, Hong Kong and Zhuhai are striving to improve the clearance conditions of the boundary crossing	<p>The works were being implemented under two design and build contracts and were about 89.94% completed. The viaduct, the tunnel section and the at-grade road works had been completed. Road paving works, road furniture installation and E&amp;M works 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
6845TH	Hong Kong—Zhuhai—Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) —Reclamation and Superstructures	Approved by F.C. Current forecast	35,895.000 35,895.000	end 2011 11/11	facilities, and will report to the Central Authorities for confirmation of the commissioning date. It will be announced once confirmed.  end 2016 The governments of Guangdong, Hong Kong and Zhuhai are striving to improve the clearance conditions of the boundary crossing facilities, and will report to	The reclamation works contract no. HY/2010/02 commenced on 30 November 2011 and was largely completed in late 2016.  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



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
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	the Central Authorities for confirmation of the commissioning date. It will be announced once confirmed.  early 2016 mid 2018	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.  The southern landfall reclamation was entrusted to the reclamation works Contract No. HY/2010/02, which was commenced on 30 November 2011. The ground investigation contract was completed with the account finalized on 20 August 2014. The remaining work for this item was the tendering of two remaining TM-CLKL Northern Connection contracts, which were tendered on 22 and 29 December 2017.
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 Phased completion from Q2/18 to Q1/19	Works were about 48.6% completed with utilities diversion, pre-grouting works, piling works, pile caps and piers construction works, construction of retaining structures, and junction improvement works at Canton Road and Jordan Road in progress.  The project had encountered various unexpected site difficulties, such as stringent requirements for implementing the temporary traffic arrangement schemes at Canton Road due

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
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 2020	<p>to interfacing with those of the Express Rail Link project, piling progress near Lin Cheung Road and toll plaza of Western Harbour Crossing being hindered by the presence of thicker-than-expected layer of marine deposit and former rubble mound sloping seawall/breakwater, delay in autotoll lane switching operation at Western Harbour Crossing due to longer-than-expected time required for testing and commissioning of the traffic information system.</p> <p>To minimize the encountered delay, more piling plant was being deployed for carrying out piling works near Lin Cheung Road and toll plaza of Western Harbour Crossing. The Contractor also proposed to pre-grout the ground prior to piling operations to secure the ground stability and to improve the piling efficiency.</p> <p>The first three contracts commenced on 22 June 2013, 5 August 2013 and 21 July 2014, and their works were about 72.5%, 57.4% and 73.9% completed respectively. There were two remaining contracts to be awarded, namely, "Tunnel Buildings, Electrical and Mechanical Works" and "Traffic Control and Surveillance System".</p> <p>Southern Connection - According to the contractor's latest programme, it is anticipated that if no other unforeseen conditions arise in the future, all the works could be completed in the first half of 2019 at the earliest.</p> <p>Northern Connection - After close discussions with the tunnel contractor in the past months, we are now finalizing with the</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
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	<p>consultant and the contractor on the details of the design amendment scheme and to catch up with the progress. We anticipate that the Northern Connection could be completed in 2020 at the earliest.</p> <p>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.</p> <p>The third works contract, i.e. Northern Footbridge, commenced on 16 December 2016.</p> <p>The fourth works contract, i.e. Road P2/D4, commenced on 30 November 2017. Assessment of tenders for the fifth works contract, i.e. Tseung Kwan O Interchange, was completed and would be submitted to the Central Tender Board for approval in January 2018. Tenders for the sixth works contract were invited on 22 December 2017.</p> <p>Site formation at Lam Tin Interchange (LTI) and Tseung Kwan O tunnel portals, dredging works at Junk Bay and Northern Footbridge foundation works were in progress. Both tunnel blasting works and open blasting works at LTI commenced in July 2017 and were in progress.</p>

## Appendix

- A. Projects which were completed in the quarter ending September 2017 and have been excluded from this report:

	<u>Item</u>	<u>Title</u>
1	3107ET	A school for social development for girls at Choi Hing Road, Kwun Tong, Kowloon
2	3354EP	A 36-classroom primary school in Area 36, Fanling
3	4386DS	Village sewerage in Kau Lung Hang San Wai, Kau Lung Hang Lo Wai and Tai Hang, and southern trunk sewer between Wai Tau Tsuen and Nam Wa Po
4	6076TI	Bus-Bus Interchanges on Tuen Mun Road

- B. Projects which were completed in the quarter ending December 2017 and will be excluded from the next report onwards:

	<b><u>Item</u></b>	<b><u>Title</u></b>
1	3108ET	Two special schools at Sung On Street, To Kwa Wan
2	4160CD	Happy Valley underground stormwater storage scheme
3	4169CD	Reconstruction and rehabilitation of Kai Tak Nullah from Tung Kwong Road to Prince Edward Road East — main works
4	5047CG	Greening master plans for the New Territories Southeast and Northwest — priority greening works
5	5180DR	Development of waste electrical and electronic equipment treatment and recycling facility
6	6063TR	Shatin to Central Link – construction of railway works – advance works
7	6064TR	Shatin to Central Link – construction of non-railway works – advance 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