

Quarterly Report
on
Public Works Programme
for
October – December 2018

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 2018, eight projects were completed. These projects are no longer included in this report. In the quarter ending December 2018, 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
May 2019

Secretary for
Commerce and Economic 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
3023PP	Reprovisioning of the Hongkong Post's Headquarters	Approved by F.C. Current forecast	1,600.900 1,600.900	Q3/18 Q2/19	Q1/22 Q4/22	Project was upgraded to Cat. A in October 2018. Contract would commence in Q2 of 2019.

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 Q2/19	Works were about 84% completed. Internal fitting-out, building services and external works were in progress.
3185GK	Reprovisioning of Transport Department's vehicle examination centres at Tsing Yi	Approved by F.C. Current forecast	2,862.700 2,862.700	Q1/18 03/18	Q1/23 Q1/23	Works were about 5% completed. Site formation works and substructure 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 95.6% completed. Construction of the New Territories West Regional Office Building in Tin Shui Wai was substantially completed in February 2018. Site preparatory and asbestos abatement works for demolition of the existing Water Supplies Department facilities in Mong Kok were in progress.
3281RS	Reprovisioning of Tsun Yip Street Playground facilities to Hong Ning Road Park and Ngau Tau Kok Fresh Water Service Reservoir	Approved by F.C. Current forecast	382.200 382.200	Q2/18 03/18	Q2/21 Q2/21	Works were about 10% completed. Site formation works were in progress.

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4108CD	West Kowloon drainage improvement – inter-reservoirs transfer scheme	Approved by F.C. Current forecast	1,222.000 1,222.000	Q1/19 Q1/19	Q4/22 Q4/22	Tender was closed in November 2018. Tender assessment is in progress and the works contract would commence in Q1 2019.
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>The sediment disposal facility to the East of Sha Chau (ESC) comprises 4 contaminated mud pits (CMPs). The 1st 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 under Project No. 5737CL. Following the depletion of the disposal facility to the SB on 22 March 2016, the 2nd pit to the ESC commenced operation at the same time. With the use of non-dredged seawall construction methods in reclamation projects, the disposal demand of contaminated sediment dropped recently and the lifespan of the mud pits to the ESC would prolong 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>

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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 03/19	<p>With F.C.'s approval to increase the Approved Project Estimate (APE) on 5 June 2015, which was later than the original schedule in the 2013/14 legislative session, a major remaining Contract 6 under the project was awarded 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 major construction works of the Connecting Road connecting the Boundary Control Point (BCP) with Fanling Highway were completed in end 2018. The critical activity affecting road opening is the fire service installations and equipment (FSI) inspections for the Lung Shan Tunnel, which is targeted for completion in March 2019. Subject to satisfactory completion of the FSI inspections and issuance of the fire service certificates by FSD, the Connecting Road will be open to the public as soon as possible.</p>
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 96.2% completed as at end December 2018. 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</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 5,106.720	Q4/15 11/15	2019 12/19	completion of the SCL railway works within the same sites. 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 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 73.5% completed. The project estimate was revised due to lower tender prices.
7748CL	Development of Lok Ma Chau Loop – land decontamination and advance engineering works	Approved by F.C. Current forecast	517.600 405.517	mid 2018 06/18	end 2021 end 2021	The contract commenced on 22 June 2018 and works were about 14.7% completed. The project estimate is reduced due to lower-than-expected tender price received.
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 1,848.110	07/13 07/13	06/17 Q1/19	Works were about 99% 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 construction access. Stage 3A infrastructure was substantially

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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	completed in June 2017. Owing to the unsatisfactory progress of Stage 4 works, the anticipated completion date was further revised to Q1 of 2019. Works commenced in November 2015 and were about 83% completed. Road and drainage works are in progress.
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 83% completed. Road and drainage works are in progress.
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 41.1% 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 design and site investigation	Approved by F.C. Current forecast	729.500 638.360	06/16 06/16	2021 2021	The latest project estimate was revised to reflect the lower than expected awarded consultancy fees. Detailed design for Tung Chung East (TCE) infrastructure works and for Tung Chung West (TCW) site formation and infrastructure works was in progress. The infrastructure works for TCE and Phase 1 of TCW were gazetted in April / May 2018. The infrastructure works for Phase 1 of TCW (sewerage works) and TCE (both sewerage works and road works) were authorized in August / September

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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	2018. Works were about 74% 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. Site formation at the main site, underpass excavation, concreting works for the underground stormwater retention tank, foundation construction of public transport terminus, off-site pedestrian connectivity facilities and bus-to-bus interchange at the toll plaza of Tseung Kwan O Tunnel were in progress.
7804CL	Site formation and infrastructure works for development at Kam Tin South, Yuen Long – advance works	Approved by F.C. Current forecast	697.000 541.744	mid 2018 07/18	end 2021 12/21	The contract commenced on 25 July 2018. Site clearance, wetland re-provisioning and preparatory work for bored piles construction at Kam Tin River were in progress. The project estimate is reduced due to lower-than-expected tender price received.
7814CL	Tung Chung New Town Extension – Reclamation	Approved by F.C. Current forecast	20,210.000 20,210.000	end 2017 end 2017	end 2023 end 2023	The reclamation contract commenced on 29 December 2017. Filling works for the reclamation commenced in mid July 2018

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7818CL	and Advance Works Development of Anderson Road Quarry site – road improvement and infrastructure works	Approved by F.C. Current forecast	2,654.400 2,654.400	early 2018 05/18	end 2023 end 2023	and deposition of public fill materials was started in end October 2018. DCM works on trial embankment was in progress. Works were about 7% completed. The first works contract commenced in May 2018. Preparation works and geotechnical works for the road improvement works were in progress.
7823CL	Development of Lok Ma Chau Loop – Main Works Package 1 – detailed design and site investigation	Approved by F.C. Current forecast	268.300 268.300	mid 2018 09/18	early 2023 early 2023	The consultancy was awarded on 11 September 2018 and commenced on 14 September 2018. The consultant submitted various deliverables in the Review Phase. The topographical survey, tree survey and ecological survey commenced in late October 2018.
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	Site formation, subway, retaining walls and bridge construction works were in progress. Works were about 69% completed.
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 65.6% completed.

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
9202WC	Implementation of Water Intelligent Network, stage 2	Approved by F.C. Current forecast	655.400 655.400	Q3/18 10/18	Q3/22 Q3/22	Contract No. 10/WSD/16 commenced on 31 October 2018. Construction of pressure management and district metering installations was in progress.
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 5,000.000	02/13 02/13	05/17 12/18	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. As for Contract No. 4/WSD/11, all works were substantially completed on 9 March 2017. As for Contract No. 15/WSD/10, all works were substantially completed on 13 December 2018.
9350WF	Improvement of water supply to Sheung Shui and Fanling	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 service reservoir was substantially completed. The mainlaying works for revised alignment and construction of service reservoir were about 44.5% and 57% completed respectively.
9355WF	Water supply to new housing developments in Sheung Shui and Fanling	Approved by F.C. Current forecast	1,699.700 1,699.700	Q3/18 09/18	Phased completion from Q1/21 to Q1/24 Phased completion from Q1/21	The first works contract no. 3/WSD/18 commenced on 26 September 2018. The arrangement of sub-contracting of the contract works was in progress.

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9356WF	Uprating of Tung Chung fresh water supply system	Approved by F.C. Current forecast	300.200 300.200	Q4/17 12/17	to Q1/24 Q3/20 Q3/20	Advance works commenced in December 2017 whereas the main civil works contract, namely Contract No. 4/WSD/17, commenced in 12 February 2018. Site formation works of the service reservoir was substantially completed. Laying of subsoil drains and preparation works for construction of service reservoir were in progress.
9358WF	In-situ reprovisioning of Sha Tin water treatment works (South Works) – Advance Works	Approved by F.C. Current forecast	1,658.000 1,250.001	08/15 10/15	12/18 07/19	<p>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 80% completed.</p> <p>The construction of superstructure of Logistics Centre was about 95% completed. The construction of Logistics Centre was scheduled for substantial completion in July 2019.</p> <p>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 95% completed.</p> <p>Taking into account the delays due to the defected lime silos and CLP energization requirement, and potential inclement weather ahead, the Contract (and hence the Project) is anticipated to be completed in July 2019.</p>

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9363WF	Upgrading of disinfection facilities in water treatment works	Approved by F.C. Current forecast	875.600 875.600	Q4/17 03/18	Q1/21 Q1/21	<p>The works contracts commenced on 16 March 2018 and are targeted for completion in Q1 of 2021. Technical submission was in progress. Manufacturing of OSCG main-skid equipment was in progress and the delivery of plants was anticipated to be started in Q1 of 2019.</p> <p>EPD's in-principle approval of all the Quantitative Risk Assessment (QRA) reports for 10 WTWs has been obtained in end December 2018 and the civil construction works would be commenced in early 2019.</p>
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 11/17	Q2/22 Q2/22	<p>The main civil works contract, namely Contract no. 13/WSD/16, commenced on 16 November 2017. The mainlaying works was about 1% completed. There were three workfronts for open trench mainlaying works and 124m of water main was laid.</p> <p>Study of three alternative alignments at (i) cycle track near Stage 1 Landfill; (ii) cycle track near TKO Velodrome; and (iii) Tsui Lam was in progress.</p>
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 11/19	<p>The progress of mainlaying works (Contract No. 9/WSD/11) was behind schedule owing to the requirement of Labour Department on the tunnel excavation works. The mainlaying works along Lung Wo Road was nearly substantially completed. The contract completion date is expected to defer from July 2019 to November 2019. Mainlaying works were in progress and were about 94% completed.</p> <p>Construction works for the Bowen Drive salt water pumping</p>

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9053WS	Uprating 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>station, Magazine Gap Road salt water service reservoir and associated works were substantially completed in October 2013 and the associated mechanical and electrical works 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 29.5% completed and upgrading works for pumping station was about 41% completed. Raft foundation for sodium hypochlorite dosing system compound was completed.</p> <p>E&M works Contract No. 9/WSD/17 commenced on 20 November 2017. Main M&E equipment were manufactured and delivered to site. Equipment installation commenced in December 2018.</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
3352EP	A 30-classroom primary school at Tonkin Street, Cheung Sha Wan	Approved F.C. Current forecast	345.500 345.500	Q2/18 08/18	Q1/21 Q2/21	Works were about 3% completed. Piling works were 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 Q1/19	Works were about 68% completed. Superstructure construction, internal fitting-out, building services, and external works were in progress. Project completion date was revised because of unforeseen underground condition during foundation and external works.
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 60% completed. Superstructure construction, internal finishes, and building services works were in progress.
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 Q2/19	Works were about 46% completed. Superstructure construction, geotechnical works, internal fitting-out, and building services works were in progress. Project completion date was revised because of unforeseen underground condition during substructure construction.
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 34% 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
4344DS	Upgrading of Central and East Kowloon sewerage – phase 3	Approved by F.C. Current forecast	680.900 680.900	Q4/18 Q1/19	Q1/24 Q1/24	Works will commence in mid-January 2019.
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	Works were about 10% completed. Box culvert desilting works and pumping station piling 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 37% completed. The pipe laying works at Cheung Tung Road and along the access road to Siu Ho Wan sewage treatment works were in progress.
4390DS	Rehabilitation of trunk sewers in Tuen Mun	Approved by F.C. Current forecast	806.600 806.600	Q4/18 12/18	Q1/23 Q1/23	Works commenced on 28 December 2018.
4392DS	Expansion of Sha Tau Kok Sewage Treatment Works – phase 1	Approved by F.C. Current forecast	2,040.900 2,040.900	Q3/18 11/18	Q1/25 Q1/25	Works commenced on 21 November 2018 and were about 1.2% completed. Site preparatory works and procurement of subcontracts were in progress.
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	Works were about 10% completed. Rehabilitation works in Ngau Chi Wan commenced in November 2018. Site preparatory works at other locations were in progress. Liaison

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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	with Transport Department and the Police on temporary traffic arrangements for the sewer rehabilitation works continued. Works were about 15% completed. Design of equipment and procurement of subcontracts were underway. Installation of second set of screw pump was 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 12/18	Works were substantially completed on 31 December 2018. The completion date is delayed because additional time is required for the completion of Wai Tau Tsuen sewage pumping station due to the aftermath of Typhoon Mangkhut,
4398DS	Sewerage to Lei Yue Mun Village	Approved by F.C. Current forecast	260.200 260.200	Q3/18 11/18	Q1/23 Q1/23	Works commenced on 2 November 2018 and were about 0.3% completed. Site preparatory works and procurement of subcontracts were in progress.
4403DS	Upgrading of sewage pumping stations and sewerage along Ting Kok Road	Approved by F.C. Current forecast	847.300 847.300	Q3/18 Q1/19	Q4/23 Q4/23	Tender was closed in August 2018. Tender assessment was in progress and the works contract would commence in Q1 of 2019.
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 79% 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.

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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 05/16	Q3/20 Q4/20	Works were about 32% completed. The superstructure of the proposed Pai Lau works for Ha Tsuen Rural Committee was completed with decoration works in progress. 98% of the piling works and 80% of the substructure works were completed. The remaining piling works will commence in January 2019. Detailed design works, the construction of the remaining piling works, substructure works and superstructure 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 12/17	Q4/22 Q4/22	Works were about 19% completed. Bored piling works for the balancing tank were completed. 9% of the bored piling works for the plant house were completed. Subcontract for the ELS works of the balancing tank and the E&M works of the whole contract were awarded and these works are about to commence.
4418DS	Upgrading of West Kowloon and Tsuen Wan sewerage	Approved by F.C. Current forecast	277.400 277.400	Q3/17 09/17	Q2/22 Q2/22	Works were about 10% completed. The construction works in Tsuen Wan commenced on June 2018. The contractor was liaising with Transport Department and the Police on temporary traffic arrangements for the construction of dry weather flow interceptors.
4426DS	Rehabilitation of underground sewers	Approved by F.C. Current forecast	391.900 391.900	Q4/18 Q1/19	Q4/22 Q4/22	The project start date was rescheduled due to longer than expected time required for tender evaluation.
5045CG	District Cooling System at the Kai Tak Development	Approved by F.C. Current forecast	3,905.700 [Phases I, II, III (Package A,	04/10 02/11	12/22 12/25	The District Cooling System (DCS) Phase I, Phase II and Phase III (Package A) works were substantially completed. The pipe laying works of the DCS Phase III (Package B) were

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5163DR	Northeast New Territories Landfill Extension	Approved by F.C. Current forecast	Package B and Package C] 4,945.500 (total project estimate, including Phase III (remaining)) 7,510.000 7,510.000	mid 2016 Q1/20	mid 2030 Q4/34	<p>substantially completed whereas 92% of the respective electrical and mechanical installation works was completed. The DCS Phase III (Package C) was about 42% completed.</p> <p>The project was supported by the LegCo Panel on Development on 26 June 2018, endorsed by the Public Works Subcommittee on 7 November 2018, and scheduled for submission to the F.C. for approval in January 2019 tentatively.</p> <p>Northeast New Territories (NENT) landfill has been receiving less waste than forecast since the implementation of waste diversion from SENT in January 2016. As landfilling spaces are valuable resources, the NENT landfill would be filled to its full capacity.</p> <p>Review on the implementation programme of NENT Landfill Extension (NENTX) was underway, 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 04/18	2025 2031	<p>The Government land allocation for the extension project was granted by District Lands Office/Sai Kung on 27 December 2018. The required site was handed over from CEDD to EPD on 31 December 2018. The contractor is carrying out the detailed design of the extension project.</p>

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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 12/18	The plant commissioning stage has commenced in October 2018. The Contractor is now fine-tuning the equipment and rectifying outstanding defects. The T&C process is completed in December 2018. Slight delay in the T&C process was due to the longer time required for fine tuning of the CEMS system of the air emissions monitoring.
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	The DBO contract was awarded in November 2017 and the Design and Works were commenced in December 2017 for commencement of operation in 2024. The design and works were ongoing. IWMF Phase 1 is to be constructed on an artificial island off Shek Kwu Chau. Reclamation works have been started in late December 2018 with a view to complete by 2021.
6804TH	Retrofitting of Noise Barriers on Tai Po Road (Sha Tin Section)	Approved by F.C. Current forecast	851.800 851.800	Q2/18 07/18	Second half of 2023 09/23	6804TH interfaces with CEDD's project No. 7861TH which comprises noise mitigation measures in association with road widening works. The works were entrusted to CEDD under Contract No. NE/2017/05 which commenced on 27 July 2018.
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 12/19	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 52% completed by end of Q4 of 2018. The change of project completion date was mainly due to uncharted utilities and inclement weather.

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
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 72% completed by end of Q4 of 2018. No major variance in project estimate and completion date was noted.

Secretary for
Financial Services and the Treasury

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
3074KA	Construction of West Kowloon Government Offices	Approved by F.C. Current forecast	4,742.500 4,742.500	2 nd half of 2015 07/15	early 2019 early 2019	Works were about 94% completed. Internal finishes, building services and external works were in progress.
3121KA	Joint-user Government Office Building in Cheung Sha Wan – construction	Approved by F.C. Current forecast	2,281.000 2,281.000	Q3/18 07/18	Q2/22 Q2/22	Works were about 3% completed. Piling works were in progress.
3122KA	Inland Revenue Tower in Kai Tak Development	Approved by F.C. Current forecast	3,600.000 3,600.000	Q2/18 08/18	Q1/22 Q2/22	Site preparatory works were 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
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	Construction of the Food and Environmental Hygiene Department (FEHD) Environmental Hygiene offices-cum-vehicle depot at Yen Ming Road was substantially completed in November 2018. Contract for demolition of the existing FEHD facilities at Sai Yee Street commenced in December 2018.
3070MM	Redevelopment of Queen Mary Hospital, phase 1	Approved by F.C. Current forecast	13,556.000 13,556.000	Q4/18 10/18	Q3/24 Q3/24	Contract commenced on 31 October 2018. Site preparatory works were 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 13% completed. Construction of ancillary buildings and utilities diversion works were in progress. Excavation and lateral support works for basement construction of the extension building 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 Q3/21	For the decanting building at Shatin Hospital, works were about 9% completed. Piling works were in progress. Addition and alteration works at a number of existing buildings at Prince of Wales Hospital were in progress with works of about 9% completed. Demolition of a number of existing buildings at Prince of Wales Hospital was in progress with works of about 49% completed.

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
3094MM	New Acute Hospital at Kai Tak Development Area – foundation, excavation and lateral support, and basement excavation works	Approved by F.C. Current forecast	5,356.800 5,356.800	Q3/18 09/18	2024 2024	Works were about 1% completed. Site preparatory works were in progress.
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 58% completed. Superstructure construction was in progress.
3020NB	Reprovisioning of Fu Shan Public Mortuary at Sha Tin	Approved by F.C. Current forecast	1,038.000 1,038.000	Q3/18 09/18	Q3/21 Q3/21	Works were about 2% completed. Site preparatory works were 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 48% completed. Substructure construction was completed. Site formation and superstructure construction were in progress.
3023NB	Provision of Columbarium at Cape Collinson Road in Chai Wan	Approved by F.C. Current forecast	791.700 791.700	Q4/18 11/18	Q1/22 Q1/22	Contract commenced on 29 November 2018. Site preparatory works were 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
5816CL	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 12/17	Q2/21 Q2/21	The first and second contracts under the Project commenced in December 2017 and May 2018, and were 26% and 8% completed respectively. For the first contract, site formation at Sandy Ridge Cemetery was in progress. For the second contract, road works at Lin Ma Hang Road commenced in November 2018.

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
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 34% completed. Substructure and superstructure 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 12/18	Works were substantially completed in December 2018.
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 92% 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 Q1/21	Works were about 19% completed. Excavation and lateral support works for basement construction and underground drainage works were in progress. Project programme was revised as longer time was required in preparation of tender documents in order to address PWSC's comments.
3436RO	Avenue Park at Kai Tak	Approved by F.C. Current forecast	321.900 321.900	Q1/18 06/18	Q4/20 Q1/21	Works were about 4% completed. Site preparatory works, excavation, and underground drainage works were in progress.
3467RO	Station Square at Kai Tak	Approved by F.C.	1,651.500	Q4/18	Phased completion from Q4/20	Tender assessment for works contract 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
		Current forecast	1,651.500	Q1/19	to Q4/22 Phased completion from Q4/20 to Q4/22	
3272RS	Kai Tak Sports Park – construction works	Approved by F.C. Current forecast	31,898.000 31,898.000	Q4/18 Q4/18	2022-23 2022-23	Tender was returned on 10 August 2018. CTB approved the award of contract on 12 December 2018. Contract was awarded on 28 December 2018.
3273RS	Sports Centre in Area 24D, Sha Tin	Approved by F.C. Current forecast	639.700 639.700	05/15 12/15	06/18 Q1/19	Works were about 75% completed. Superstructure construction, internal finishes, and building services works were in progress.
3275RS	Provision of heated pool at the Morse Park Swimming Pool Complex, Wong Tai Sin	Approved by F.C. Current forecast	576.500 576.500	Q4/18 12/18	Q2/22 Q2/22	Contract commenced on 31 December 2018.
3288RS	Swimming pool complex and open space in Area 107, Tin Shui Wai	Approved by F.C. Current forecast	1,336.000 1,336.000	Q4/18 Q1/19	Q3/22 Q3/22	Tender assessment for piling contract 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 89% 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	Construction Package Integrated Basement for West Kowloon Cultural District – first and second stages of design, site investigation and construction works	Approved by F.C. Current forecast	2,919.500 2,444.580	Q4/15 09/15	Q1/19 Under review (for construction works) Q4/19 (for design)	Works were about 89.7% completed. The project estimate was revised due to lower tender prices. The target completion date of construction works was under review following the engagement of Management Contractor for completion of the remaining works of M+ project (including government entrusted works under 7791CL) by West Kowloon Cultural District Authority in September 2018. The target completion date of design for Zones 2A, 2B and 2C of the integrated basement under 7791CL was updated to Q4 of 2019 to tie in with the latest West Kowloon Cultural District Authority's programme.
7815CL	Integrated Basement for West Kowloon Cultural District – third stage of construction works	Approved by F.C. Current forecast	3,178.400 3,178.400	Q1/18 Q1/18	2022 2022	The item was approved at the F.C. meeting on 5 January 2018. The first and second major works contract commenced on 8 January 2018 and 23 November 2018 respectively. Works were about 11.4% completed.

Secretary for
Innovation and Technology

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
3120KA	Building a Government Data Centre Complex	Approved by F.C. Current forecast	2,251.700 2,251.700	Q3/18 11/18	Q3/21 Q4/21	Contract commenced on 22 November 2018. Site preparatory works were in progress.

Secretary for Justice

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
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 Q1/19	Works were about 79% completed. Internal finishes, heritage features restoration and building services works were in progress. Project completion date was revised because more time is required for the works to suit the actual condition of the heritage features.

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 35% completed. Superstructure construction was in progress.
3064JA	Construction of Disciplined Services Quarters for the Fire Services Department at Pak Shing Kok, Tsueng Kwan O	Approved by F.C. Current forecast	1,625.000 1,625.000	Q1/18 08/18	Q2/21 Q4/21	Works were about 5% completed. Footing 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 10/18	Works were substantially completed in October 2018. Project completion date was revised because of the delay in foundation works due to deeper bedrock level than originally expected.
3067JA	Construction of Departmental Quarters for Customs and Excise Department at Tseung Kwan O Area 123 (Po Lam Road)	Approved by F.C. Current forecast	1,035.200 1,035.200	Q4/18 11/18	Q2/22 Q2/22	Works commenced on 19 November 2018. Sewerage works were in progress.
3068JA	Construction of Departmental Quarters for Customs and Excise	Approved by F.C. Current forecast	533.100 533.100	Q4/18 Q1/19	Q1/22 Q1/22	Tender assessment for the works contract 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
3069JA	Department at No. 57 Sheung Fung Street, Tsz Wan Shan 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 88% completed. Superstructure construction was substantially completed. Internal fitting-out and building services works were 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 14% completed. Excavation and lateral support works and piling works were completed. Piling 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	Works were about 33% completed. Superstructure construction was in progress.
7188GK	Government Flying Service Kai Tak Division	Approved by F.C. Current forecast	469.100 401.460	Q4/18 11/18	Q1/21 Q1/21	The works contract commenced on 30 November 2018 for completion by Q1 of 2021. The project estimate was revised due to lower tender prices.

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
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 Under review	<p>The dredging works for Kwai Tsing Container Basin and its approach channel were substantially completed in April 2016.</p> <p>Over 99.9% of the area has reached sufficient water depth.</p> <p>Very hard rock and significant increase in the amount of seabed rock requiring removal were identified during the rock breaking operation, which could not be envisaged from the previous marine ground investigation results. Site trial for removal of the very hard rock would commence in November 2018 for facilitating the review of the way forward for completing the residual rock outcrop off the container berth at the north-eastern end of the container basin.</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 97% completed.</p> <p>(*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 2018, and HyD is now revisiting the timing of completion of such works.)</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 40,319.450	Q4/17 12/17	2025 2025	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 32,207.198	end 2009 07/09	2017 end 2018/ Q1/19 ¹	The increase in APE was approved by the F.C. on 24 January 2014. Works were about 92.9% 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	Q3/20 end 2020	The contract started on 30 March 2016. The works were about 40.5% completed by end of Q4 of 2018. Extension of Luk Mei Tsuen Road, slope upgrading works and construction of Ho Chung Bridge (Kowloon Bound), Nam Pin Wai Footbridge (Kowloon Bound), retaining walls and noise barriers were in progress.
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	The project comprises two construction contracts. Works for Contract No. HY/2012/06 were about 73% completed. Constructions of footbridges, noise barriers, retaining walls and road works were in progress. Works for the portion entrusted to CEDD for implementation under Contract No. CV/2012/09 were substantially completed on 22 October 2018.

¹ 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 have closely monitored the works progress, assessed the implications of the potential risks, and urged 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
6844TH	Hong Kong—Zhuhai—Macao Bridge (HZMB) Hong Kong Link Road (HKLR)	Approved by F.C. Current forecast	25,047.200 25,047.200	mid 2012 05/12	end 2016 The HZMB HKLR was commissioned in October 2018.	The revision in the project completion date was due to the longer than expected time required for land resumption and clearance. The HZMB HKLR was commissioned on 24 October 2018.
6845TH	Hong Kong—Zhuhai—Macao Bridge (HZMB) 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	end 2016 The HZMB HKBCF was commissioned in October 2018.	The HZMB HKBCF (i.e. Hong Kong Port) was commissioned on 24 October 2018. Tender for the second phase of the project is under preparation.
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 Q3/18 to Q4/19	Works were about 65.7% completed with pre-grouting works, piling works, pile caps and piers construction works and construction of bridge decks. The junction improvement works at Canton Road and Jordan Road were completed in August 2018 and the new slip road connecting West Kowloon Highway and Nga Cheung Road was opened for public use in September 2018.

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 (TM-CLKL) —construction works	Approved by F.C. Current forecast	44,798.400 44,798.400	06/13 06/13	end 2018 2020	<p>The project had encountered various unexpected site difficulties. These included : stringent requirements for implementing the temporary traffic arrangement schemes at Canton Road due to interfacing with those of the Express Rail Link project and at toll plaza of Western Harbour Crossing to cope with the latest operational arrangement as imposed by the tunnel company; 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; and 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>Construction works are being carried out through five contracts, which commenced on 22 June 2013, 5 August 2013, 21 July 2014, 7 May 2018 and 28 May 2018. Works were about 94.4%, 81.9%, 90.4%, 8.3% and 6.5% completed respectively.</p> <p>Southern Connection - The TM-CLKL Southern Connection was commissioned in stages in October and November</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
7822TH	Cross Bay Link, Tseung Kwan O - construction	Approved by F.C. Current forecast	5,625.700 3,848.840	2 nd half of 2018 07/18	2022 2022	2018.Northern Connection - It is anticipated that the Northern Connection could be completed in end 2020 at the earliest. Works for two contracts commenced in phases since July 2018. Pre-drilling works and piling works were in progress. The project estimate was revised due to lower tender prices.
7861TH	Widening of Tai Po Road (Sha Tin Section) – construction	Approved by F.C. Current forecast	2,739.700 1,697.400	Q2/18 07/18	Q3-Q4/23 Q3-Q4/23	The latest project estimate was updated to reflect the lower tendered prices. The contract commenced on 27 July 2018 with one month delay due to longer than expected time for financial checking of the recommended tenderer. Pre-construction preparatory works such as topographical/tree surveys, environmental baseline monitoring, etc. were largely completed. Complicated multi-stage Temporary Traffic Arrangement (TTA) for reconstruction of Sha Tin Rural Committee Road Interchange is being finalised in consultation with the concerned authorities and Sha Tin District Council. Major TTA and construction works will start in early 2019.
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 late 2021	Works for six contracts commenced in phases since July 2016. Site formation at Lam Tin Interchange (LTI) and Tseung Kwan O tunnel portals, marine viaduct construction, dredging and filling works at Junk Bay, Northern Footbridge main deck works and roadworks were in progress. Both tunnel blasting works and open blasting works at LTI commenced in July 2017 and were 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
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 12/19 (Subject to review)	<p>Owing to (i) additional time required for advance works for blasting, (ii) stringent requirements imposed on blasting and lengthy co-ordination with MTRCL within the MTRCL Railway Protection Zone and (iii) the impact of typhoons swept through the territory in 2017 and 2018, the commissioning is delayed from mid 2021 to late 2021.</p> <p>Planning and design were about 97% completed. The design work continued.</p> <p>The works state date was deferred due to longer-than-expected time to finalise the entrustment agreement. The design works and extensive local consultation work started in end 2008. The design programme was under regular review taking into account the suggestions and requests raised by stakeholders and the interface with other infrastructure projects. As some design works were still under public consultation, they would be completed in phases. The entire completion date would be subject to review.</p>
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	<p>Works were about 81% completed.</p> <p>The target commissioning date of the “Tai Wai to Hung Hom Section” of the Shatin to Central Link (SCL) was initially deferred to end-2019, about 11 months later than originally scheduled, due to the archaeological and conservation works at the work site of To Kwa Wan Station. With the efforts of the construction team to implement the delay recovery measures,</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
						<p>the target commissioning date of this section could originally be advanced to about mid-2019. However, in view of the spate of incidents relating to Hung Hom Station Extension works and the investigations in progress, the target commissioning date will need to be further reviewed. MTRCL has been requested to consider and propose feasible partial commissioning schemes.</p> <p>For the “Hung Hom to Admiralty Section”, the target commissioning date remains to be 2021 despite the impact of site handover arrangement under the WDII project, the complicated ground conditions below Exhibition Centre Station, the settlement issue leading to a suspension of the excavation works at the Exhibition Centre Station, and the allowance of flexibility for the construction of new convention facilities atop Exhibition Centre Station.</p> <p>The Hin Keng Station was completed. Construction of the Diamond Hill Station was substantially completed. Building services and architectural builders works and finishes (ABWF) for Diamond Hill Station, To Kwa Wan Station (formerly known as Ma Tau Wai Station) and Sung Wong Toi Station (formerly known as To Kwa Wan Station) were in progress. The testing of various E&M systems in Kai Tak Station, To Kwa Wan Station and Sung Wong Toi Station were in progress. Overhead lines at the track sections between Hin Keng and Hung Hom stations were energized and test runs are being conducted.</p> <p>At Hung Hom, tunnel structural work had been substantially completed. The affected carriageways of Chatham Road</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
						<p>North during tunneling works had been reinstated to their original alignments. The building services works and E&M works under the podium at Hung Hom Station were in progress and was about 98% completed as at end-December 2018. Modification works at Hung Hom Station Concourse were in progress and targeted for FSD inspection in end-January 2019. Since MTRCL has failed to submit comprehensive as-constructed records including the working drawings used during construction to ascertain the as-constructed condition and clarify the quality of works where there were honeycomb etc, the Government requested MTRCL to formulate a holistic strategy to verify the condition of the platform slab structure of the Hung Hom Station Extension. MTRCL submitted a holistic assessment strategy on 4 December 2018. According to the MTRCL's proposal, the holistic assessment will be conducted in three stages. For the first stage, the MTRCL will review the relevant construction records and the latest design amendment drawings. In the second stage, MTRCL will open up part of the East West Corridor and the North South Corridor platform slabs to verify the details of the rebar connections and whether the couplers and rebars are properly connected. In the third stage, MTRCL will conduct a comprehensive review and analysis of the structural safety and integrity of the entire Hung Hom Station based on the verification results of the first and second stages to ascertain if the overall structural integrity of the works is acceptable and determine if it is necessary to carry out strengthening works. The holistic assessment strategy was accepted by the Government on 5 December 2018 and the second stage of the opening-up of concrete and test had been underway.</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
						<p>For the cross harbour section, the immersed tube tunnel (IMT) structure was substantially completed in November 2018. Internal works of IMT were underway.</p> <p>For Exhibition Centre Station, excavation at the ex-Wan Chai public transport interchange, ex-Wan Chai swimming pool, ex-Harbour Road Sports Centre, Fleming Road works site and the western approach tunnels were in progress. The excavation was carried out with extra care at ex-Harbour Road Sport Centre and Fleming Road works site in view of the risk associated with unexploded bomb in the area. The construction of permanent tunnel structure underneath Hong Kong Convention and Exhibition Centre was underway. In order to alleviate public concerns on the settlements in the vicinity of the works sites, the excavation works at Exhibition Centre Station were suspended from 10 August 2018 to 28 September 2018. The Government announced on 28 September 2018 the monitoring and reporting mechanism for the impact of the SCL railway project on nearby structures and public facilities, as well as the updated data on the settlement of the Exhibition Centre Station. Under the monitoring and reporting mechanism, the MTRCL confirmed the safety of buildings, structures and public facilities near the site of the Exhibition Centre Station. After the relevant departments accepted the revised levels submitted by MTRCL, the excavation works at the site were resumed on 29 September 2018.</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</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>downtrack tunnels from Fenwick Pier Street to Admiralty Station was successfully completed in May 2017 and November 2017 respectively. The structural works for connecting the tunnel and Admiralty Station was completed.</p> <p>Works were about 91% 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 had been completed and opened for public use.</p> <p>For re-provisioning of Police Officers' Club at Causeway Bay, piling works had been completed and construction of concrete structure was in progress.</p>
B781CL	Infrastructure works for public housing development at Area 54, Tung Chung	Approved by F.C. Current forecast	284.800 201.220	mid 2017 11/17	mid 2020 end 2020	<p>Works were about 34% completed. The project estimate was revised due to lower tender prices.</p>
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	<p>Works were about 64% completed. Sewerage works were in progress. Liaison work and site works for Lung Ma Road and various road junctions were in active 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
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	<p>The site formation works entrusted to Hong Kong Housing Authority were about 30% completed. Preparation works for tree transplanting had been carried out in May 2018. Bulk excavation for site formation works, construction of retaining wall and drainage works were in progress.</p> <p>The infrastructure works carried out by CEDD were about 37% completed. Construction of drainage pipes, sewerage pipes and water mains were in progress.</p>
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 29% completed. Superstructure 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 45% completed. Superstructure construction was in progress.
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	Approved by F.C. Current forecast	318.300 318.300	06/15 10/15	06/18 Q1/19	Works were about 99.8% completed. Construction of the new community hall and footbridge link was substantially completed in June 2018. Demolition of the existing community hall 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
B202SC	link at Nam Cheong Street, Sham Shui Po Community hall-cum-social welfare facilities at Queen's Hill, Fanling	Approved by F.C. Current forecast	536.100 536.100	Q2/18 06/18	Q3/21 Q3/21	Works were about 2% completed. Piling works were in progress.
B868TH	Road Improvement Works at Ma On Shan, Sha Tin	Approved by F.C. Current forecast	587.700 587.700	mid 2018 01/19	late 2021 Q1/22	The project item was originally planned to be approved by the F.C. by end 2017. Since the F.C. approved the project item in Q1 of 2018 and longer time was required for tender assessment, the project start date and project completion date were therefore deferred to January 2019 and Q1 of 2022 respectively.
B081TI	Public Transport Interchange and Associated Works at Kiu Cheong Road East, Ping Shan	Approved by F.C. Current forecast	602.200 395.000	late 2015 11/15	early 2018 12/18	Works commenced in November 2015. The Public Transport Interchange and the footbridge were commissioned in October and December 2018 respectively.

Appendix

- A. Projects which were completed in the quarter ending September 2018 and have been excluded from this report:

	<u>Item</u>	<u>Title</u>
1	4397DS	Outlying Islands sewerage, stage 2—Lamma village sewerage phase 2
2	3351EP	Two 24-classroom primary schools at ex-Tanner Road Police Married Quarters site at Pak Fuk Road, North Point, Hong Kong
3	3110ET	A 12-classroom special school for children with mild intellectual disability near Hoi Lai Estate, Sham Shui Po
4	3066JA	Construction of staff quarters for Immigration Department at Heng Lam Street, Kowloon
5	6846TH	Tuen Mun—Chek Lap Kok Link—detailed design, site investigation and advance works
6	6052TR	Hong Kong Section of Guangzhou- Shenzhen -Hong Kong Express Rail Link - Design and Site Investigation
7	6053TR	Hong Kong Section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of railway works
8	6057TR	Hong Kong section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of non-railway works

- B. Projects which were completed in the quarter ending December 2018 and will be excluded from the next report onwards:

	<u>Item</u>	<u>Title</u>
1	5172DR	Organic waste treatment facilities phase 1
2	4396DS	Sewerage in Nam Wa Po and Wai Tau Tsuen
3	3065JA	Construction of Rank and File Quarters for Customs and Excise Department at Yau Yue Wan Village
4	3066RE	Expansion and Renovation of the Hong Kong Museum of Art
5	6844TH	Hong Kong—Zhuhai—Macao Bridge (HZMB) Hong Kong Link Road (HKLR)
6	9334WF	Expansion of Tai Po water treatment works and ancillary raw water and fresh water transfer facilities – part 2 works
7	B081TI	Public Transport Interchange and Associated Works at Kiu Cheong Road East, Ping Shan

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