

Quarterly Report
on
Public Works Programme
for
January - March 2019

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 December 2018, seven projects were completed. These projects are no longer included in this report. In the quarter ending March 2019, another six projects were completed. These latter projects will be excluded from the next Quarterly Report onwards. Lists of the above-mentioned projects are shown in the Appendix.

Development Bureau
The Government of the
Hong Kong Special Administrative Region
September 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 Q3/19	Works were about 91% completed. Internal fitting-out, building services and external works were in progress. Project completion date was revised to reflect the actual works commencement and works progress on site.
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 7% 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 97% completed. Construction of the New Territories West Regional Office Building in Tin Shui Wai was substantially completed in February 2018. Demolition of the existing Water Supplies Department facilities in Mong Kok was 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 30% completed. Substructure and 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
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>
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 04/19	<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 LegCo sessions, 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</p>

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7677CL	Wan Chai development phase II, engineering works	Approved by F.C. Current forecast	4,642.700 4,642.700	12/09 12/09	06/17 06/26	<p>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 were completed in end 2018. The remaining works affecting road opening are the outstanding pavement works, bespoke panel and speed enforcement camera installations for the Lung Shan Tunnel, which is targeted for completion in April 2019. Subject to satisfactory completion of the fire service installations and equipment inspections, the Connecting Road will be open to the public as soon as possible.</p> <p>Four of the six works contracts have commenced and the construction works were substantially completed.</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 harbourfront. The estimated completion date of mid 2026 would be reviewed having regard to the progress of the development in the area.</p> <p>For information, the Government earmarked in the 2019-20 Budget \$6 billion for developing new harbourfront promenades and open space as well as improving harbourfront facilities.</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	Five projects in Wan Chai North harbourfront will be implemented under the earmarked funding in the coming decade. Works were about 78% 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 31% completed. Construction of temporary vehicular bridge, erection of treatment plant for land decontamination works and installation of band drains and geotechnical instrument for ground treatment works were in progress. 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 03/19	Stage 3A and Stage 4 infrastructure works were substantially completed in June 2017 and March 2019 respectively. The project estimate was revised taking into account the reduction in contingency.
7788CL	Formation, roads and drains in Area 54, Tuen Mun – phase 1 stage 1 works	Approved by F.C. Current forecast	493.400 493.400	2015 11/15	2019 11/19	Works commenced in November 2015 and were about 91% completed. Road and drainage works are in progress.

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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 91% 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 45.7% 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 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 2018.

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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	Works were about 83% 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, road and drainage works, underpass excavation, concreting works for the underground stormwater retention tank, 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 for completion by end 2021. Geotechnical investigation, wetland reprovisioning, bored piles construction at Kam Tin River and inspection pit excavation for trenchless sewerage works were in progress. Works were about 16% completed. The project estimate is reduced due to lower-than-expected tender price received.

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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	The reclamation contract commenced on 29 December 2017. Filling works for the reclamation commenced in mid July 2018 and deposition of public fill materials started in end October 2018. DCM and filling works for the reclamation were in progress. Works were about 14% completed.
7818CL	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	The first works contract commenced in May 2018. Preparation works and geotechnical works for the road improvement works were in progress.
7822CL	Kai Tak development – infrastructure for developments at the former runway and south apron	Approved by F.C. Current forecast	2,874.700 2,874.700	early 2019 03/19	2023 2023	Works commenced on 29 March 2019.
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 were in progress.
7259RS	Cycle tracks connecting North West New Territories with North	Approved by F.C. Current forecast	890.900 661.070	mid 2016 06/16	early 2020 03/20	Site formation, subway, retaining walls and bridge construction works were in progress. Works were about 80% completed. The project estimate was revised due to lower tender prices

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9198WC	East New Territories – Tuen Mun to Sheung Shui section (Remaining) 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 59% completed.
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. 2/WSD/18 commenced on 31 October 2018. Construction of pressure management and district metering installations was in progress and about 1% completed.
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 49.1% and 73% 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 to Q1/24	The first works contract no. 3/WSD/18 commenced on 26 September 2018 and Contract no. 4/WSD/18 commenced on 20 March 2019. The arrangement of sub-contracting of the contract works was in progress. The overall works progress was about 1% completed.

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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	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 construction of service reservoir were in progress. The overall works progress was about 15.7% completed.
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 85% completed.</p> <p>The construction of superstructure of Logistics Centre was about 98% 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 97% 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>

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
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	The works contracts commenced on 16 March 2018 and are targeted for completion in Q1 of 2021. The electrolyzers have been delivered to site. Factory Acceptance Test (FAT) of the main skids for some OSG plants has commenced and the delivery of first skid would be in April 2019. The overall works progress was about 17% completed.
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	The main civil works contract, namely Contract no. 13/WSD/16, commenced on 16 November 2017. The mainlaying works were in progress and were about 2% completed. Design 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.
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	Contract No. 9/WSD/11 - the expected contract completion date remained at November 2019. Mainlaying works were in progress and were about 94% completed. Contract Nos. 14/WSD/14, 1/WSD/10 and 2/WSD/11 had been finalized.
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	Civil works Contract No. 7/WSD/16 commenced on 28 April 2017. Mainlaying works was about 41.9% completed and upgrading works for pumping station was about 51% completed. Surge vessel system (upper zone) and the majority of DN600 and DN450 pipeworks within the pumping station were completed. E&M works Contract No. 9/WSD/17 commenced on 20

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						November 2017. Main M&E equipment were manufactured and delivered to site. Equipment installation commenced in December 2018. The surge vessel and pipeworks installation was completed in March 2019 and was undergoing site test.

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 10% 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 Q2/19	Works were about 91% completed. 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 Q2/19	Works were about 90% completed. Internal fitting-out and building services works were in progress. Project completion date was revised because of unforeseen underground condition during piling 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 Q3/19	Works were about 60% completed. Superstructure construction was completed. 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.

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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 53% completed. Superstructure construction, internal fitting-out and building services works were in progress.

Secretary for the Environment

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4108CD	West Kowloon drainage improvement – inter-reservoirs transfer scheme	Approved by F.C. Current forecast	1,222.000 1,222.000	Q1/19 02/19	Q4/22 Q4/22	Works commenced on 27 February 2019 and were about 1% completed. Site preparatory works were in progress.
4344DS	Upgrading of Central and East Kowloon sewerage – phase 3	Approved by F.C. Current forecast	680.900 680.900	Q4/18 01/19	Q1/24 Q1/24	Works commenced on 16 January 2019 and were about 0.3% completed. Condition survey, underground utility detection and excavation of trial pits were ongoing.
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 16% completed. Installation of excavation and lateral support for the sewage pumping station, and construction of maintenance corridor above two cells of the existing eight-cell box culvert 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 44% 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 were about 3% completed. Planning and procurement of sub-contracting works were in progress.

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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 were about 5% completed. Subcontract of E&M works for temporary sewage treatment plant (TSTP) was awarded in Feb 2019. Detailed design of TSTP was 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 15% completed. Rehabilitation works in Ngau Chi Wan and To Kwa Wan were in progress. Construction preparatory works at other locations were in progress. Liaison with Transport Department and the Police on temporary traffic arrangements for the sewer rehabilitation works continued.
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 20% completed. Design of equipment and procurement of subcontracts were underway. Installation of second set of screw pump was in progress.
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 0.6% 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 02/19	Q4/23 Q4/23	Works commenced on 28 February 2019 and were about 0.5% completed. Site preparatory works and procurement of subcontracts were in progress.

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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 86% completed. Sewer laying works in Lam Tei, Fuk Hang Tsuen, Fu Tei Ha Tsuen, Castle Peak Road and construction of remaining works in Lok Chui Street sewage pumping station, Siu Lam Psychiatric Centre sewage pumping station and Fu Tei Ha Tsuen sewage pumping station were in progress.
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 51% completed. Remaining piling works were completed in February and 90% of the substructure works were completed. Wrapping up of detailed design works, by-pass pipelaying, substructure works and superstructure works were in progress. Architectural builders works and finishes works commenced. Preparation works for E&M installation was commencing.
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 25% completed. Bored piling works for the balancing tank were completed. 70% of the bored piling works for the plant house were completed. 70% of the sheet piles for the excavation and lateral support works of the balancing tank were completed. Foundation work of the overflow chamber cum jacking pit of the connection pipe between Kwun Tong Sewage Pumping Station and Kwun Tong Preliminary Treatment Works have just commenced.
4418DS	Upgrading of West Kowloon and Tsuen Wan sewerage – Phase 1	Approved by F.C. Current forecast	277.400 277.400	Q3/17 09/17	Q2/22 Q2/22	Works were about 14% completed. The construction works in Tsuen Wan commenced on June 2018 and the construction works at West Kowloon commenced on August 2018. The contractor was liaising with Transport Department and the Police on

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4425DS	Relocation of Sha Tin Sewage Treatment Works to caverns – site preparation and access tunnel construction	Approved by F.C. Current forecast	2,077.500 2,077.500	Q1/19 02/19	Q4/22 Q4/22	temporary traffic arrangements for the construction of dry weather flow interceptors. Works commenced on 28 February 2019 and were about 1 % completed. Site preparation works were in progress.
4426DS	Rehabilitation of underground sewers	Approved by F.C. Current forecast	391.900 391.900	Q4/18 01/19	Q4/22 Q4/22	Works commenced on 14 January 2019 and were about 0.7% completed. Site preparatory works were in progress. Preparatory works are in progress.
5045CG	District Cooling System at the Kai Tak Development	Approved by F.C. Current forecast	4,945.500 4,945.500	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 substantially completed whereas the respective electrical and mechanical installation works was scheduled for completion in Q3 of 2019. The DCS Phase III (Package C) was scheduled for completion in Q1 of 2020. Funding was approved by F.C. on 4 January 2019 for implementation of the Remaining Works under Phase III. The construction works subsequently commenced in late January 2019 for targeted completion by end 2025.

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5163DR	Northeast New Territories Landfill Extension	Approved by F.C. Current forecast	7,510.000 7,510.000	mid 2016 late 2020	mid 2030 late 2034	<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	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 and site formation works of the extension project.
5173DR	Organic Resources Recovery Centre Phase 2	Endorsed by P.W.S.C. Current forecast	2,453.000 2,453.000	Q2/2019 Q2/2019	Q1/2022 Q1/2022	The PWSC meeting on 20 Mar 2019 agreed to recommend the ORRC2 to the F.C. for approval. It is targeted to seek funding approval from the F.C. in Q2 of 2019.
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 commenced in December 2017 for commencement of operation in 2024. The design and works are ongoing.

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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	IWMF Phase 1 is to be constructed on an artificial island off Shek Kwu Chau. Reclamation works started in late December 2018 with a view to complete by 2021. 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 03/20	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 61% completed by end of Q1 of 2019. The change of project completion date was mainly due to 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 76% completed by end of Q1 of 2019. 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 03/19	Works were substantially completed in March 2019.
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 6% 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	Works were about 2% completed. Piling 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. Site preparatory works were in progress.
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	Works were about 3% completed. Demolition 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 16% completed. Construction of ancillary buildings and utilities diversion works were in progress. Basement construction of the extension building was 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 16% completed. Piling works were completed. Superstructure 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 52% completed. Demolition of a number of existing buildings at Prince of Wales Hospital was in progress with works of about 68% 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
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 16% completed. Piling works were completed. Superstructure 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 52% completed. Demolition of a number of existing buildings at Prince of Wales Hospital was in progress with works of about 68% completed.
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 8% completed. Piling 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 Q4/19	Works were about 62% completed. Superstructure construction was substantially completed. Internal fitting-out and building services works were 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 5% completed. Site formation 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
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 62% completed. Superstructure construction was completed. Site formation, internal finishes and building services works 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	Works were about 1% completed. Site preparatory works were in progress.
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 52% and 20% 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 was in progress; drainage laying works at Man Kam To Road would commence after successful implementation of temporary traffic arrangement.

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 39% completed. Substructure and superstructure construction was in progress.
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 substantially completed in February 2019.
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 25% completed. Excavation and lateral support works, basement construction, underground drainage works and road extension 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 10% completed. Substructure construction was in progress.
3467RO	Station Square at Kai Tak	Approved by F.C. Current forecast	1,651.500 1,651.500	Q4/18 02/19	Phased completion from Q4/20 to Q4/22 Phased completion from Q4/20	Contract for Phase 1 works commenced on 18 February 2019. Site preparatory works were in progress. Tender documentation for Phase 2 works 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
3272RS	Kai Tak Sports Park – construction works	Approved by F.C. Current forecast	31,898.000 31,898.000	Q4/18 02/19	to Q4/22 2022-23 2022-23	Contract commenced on 1 February 2019.
3273RS	Sports Centre in Area 24D, Sha Tin	Approved by F.C. Current forecast	639.700 639.700	05/15 12/15	06/18 Q2/19	Works were about 88% completed. Internal finishes and external works were in progress. Project completion date was revised to reflect the actual works commencement and works progress on site.
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	Works were about 2% completed. Site preparatory and demolition works were in progress.
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 01/19	Q3/22 Q3/22	Piling contract commenced on 31 January 2019. Site preparatory works were in progress.
7790CL	Infrastructure Works for West Kowloon Cultural District, phase 1– First Construction Package	Approved by F.C. Current forecast	840.500 764.100	Q4/15 07/15	Q4/18 Q4/18	Works were substantially completed in December 2018. 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
7790CL	Infrastructure Works for West Kowloon Cultural District, phase 1– First Construction Package	Approved by F.C. Current forecast	840.500 764.100	Q4/15 07/15	Q4/18 Q4/18	Works were about 90.9% completed. The project estimate was revised due to lower tender prices.
7791CL	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 Q4/19	Works were about 90.2% completed. The project estimate was revised due to lower tender prices. 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 construction works under 7791CL was revised to Q4 of 2019. The preliminary design for Zones 2A and 2BC of the integrated basement was substantially completed in end of 2018 while the detailed design for Zones 2A of the integrated basement is in progress for target completion in 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 16.8% 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	Works were about 1% completed. Geotechnical 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 Q2/19	Works were about 94% 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 existing building.

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 Q3/19	Works were about 52% completed. Superstructure construction was completed. Internal finishes, building services and external works were in progress. Project completion date was revised because of unforeseen underground condition during external works.
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 8% completed. Footing and substructure construction was in progress.
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 Q4/22	Sewerage works by DSD commenced in November 2018 and were in progress. Tender assessment for the building works contract by ArchSD was in progress. Project completion was revised because of longer time required for tendering process for the building works contract.

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
3068JA	Construction of Departmental Quarters for Customs and Excise Department at No. 57 Sheung Fung Street, Tsz Wan Shan	Approved by F.C. Current forecast	533.100 533.100	Q4/18 Q1/19	Q1/22 Q1/22	Works commenced on 31 Jan 2019. Works were about 1% completed. Site preparatory 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 95% 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 16% completed. Piling works were completed. Substructure and superstructure construction was 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 39% completed. Superstructure construction, curtain wall installation, internal fitting-out and external works were 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. Works were in progress. 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
3176BF	Provision of Fire Services Facilities to support the Three-Runway System at the Hong Kong International Airport	Approved by F.C. Current forecast	2,605.800 2,605.800	Q1/19 Q2/19	2024 2024	Preparation of Entrustment Agreement was in progress.
3069GI	Provision of Air Traffic Control Facilities to support the Three-Runway System at the Hong Kong International Airport	Approved by F.C. Current forecast	1,902.900 1,902.900	Q1/19 Q2/19	2024 2024	Preparation of Entrustment Agreement was in progress.
3070GI	Provision of Aviation Weather Services Facilities to support the Three-Runway System at the Hong Kong International Airport	Approved by F.C. Current forecast	281.500 281.500	Q1/19 Q2/19	2024 2024	Preparation of Entrustment Agreement was in progress.
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	The dredging works for Kwai Tsing Container Basin and its approach channel were substantially completed in April 2016. Over 99.9% of the area has reached sufficient water depth. Very hard rock and significant increase in the amount of seabed

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
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 (Retrofitting Works) 2017* (Design Works)	<p>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 commenced 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> <p>The project covers phase 1 construction works for 10 structures (the Retrofitting Works) and design works for 135 nos. of technically feasible structures (the Design Works).</p> <p>The retrofitting works commenced in December 2011 and was completed in 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>
6178TB	Lift and Pedestrian Walkway System between Castle Peak Road and Kung Yip Street, Kwai Chung	Approved by F.C. Current forecast	584.400 584.400	Q1/19 01/19	Q2/23 Q2/23	Advanced confirmatory ground investigation works commenced in January 2019. Tenders were invited for the main construction contract in February 2019 for closing by April 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
6029TC	Installation of Additional Traffic Detectors, Speed Map Panel and Journey Time Indication Systems	Approved by F.C. Current forecast	262.700 262.700	Q1/19 Q2/19	end 2020 early 2021	Tender invitation was closed in December 2018. Tender assessment is in progress.
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 Q1/19	The CWB was fully commissioned on 24 February 2019.
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	Slope upgrading works, road and drainage 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. Constructions of footbridges, noise barriers, retaining walls and road works under Contract No. HY/2012/06 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.

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 (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.	<p>The revision in the project completion date was due to the longer than expected time required for land resumption and clearance.</p> <p>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.</p>
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 (under review)	<p>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. Pre-grouting works, piling works, pile caps and piers construction works and construction of bridge decks at toll plaza of Western Harbour Crossing and West Kowloon Highway were in progress.</p> <p>The project had encountered various unexpected site difficulties which included stringent site constraints and adverse underground conditions. To minimize the encountered delay, the Contractor had taken various mitigating measures including deploying more construction plant, adjusting the construction method and deploying additional resources.</p> <p>The project completion date is being reviewed taking into</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
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>account the effectiveness of the mitigating measures.</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. Progress of works are generally satisfactory.</p> <p>Southern Connection - The TM-CLKL Southern Connection was commissioned in stages in October and November 2018.</p> <p>Northern Connection - It is anticipated that the Northern Connection could be completed in end 2020 at the earliest.</p>
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>Planning and design were about 97% completed. The design work continued.</p> <p>Public consultation on the preliminary scheme design for the reprovisioning of Ma Chai Hang Recreation Ground was completed. The latest programme is to commence the detailed design in end 2019. The completion date is 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 83% 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 and the Kai Tak Station was substantially completed. Building services and architectural builders works and finishes (ABWF) for 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 To Kwa Wan Station and Sung Wong Toi Station were in progress.</p> <p>At Hung Hom, tunnel structural work had been substantially completed. The affected carriageways of Chatham Road 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</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>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-May 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 as well as the structural assessment had been underway.</p> <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>

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>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 current risk of encountering bombs at the sites of ex-Wan Chai Swimming Pool and ex-Harbour Road Sports Centre is greatly reduced. MTRCL would continue adopting a prudent approach in the remaining excavation works with bomb risk at Fleming Road to ensure safety of the public and the staff members. The construction of permanent tunnel structure underneath Hong Kong Convention and Exhibition Centre Atrium Link Extension was underway.</p> <p>Works were about 91% completed.</p> <p>All items of the Tsz Wan Shan Pedestrian Link had been completed.</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>
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	<p>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.</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
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	<p>The total expenditure forecast was revised due to a lower tendered total of the 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.</p> <p>Pre-construction preparatory works such as topographical/tree surveys, environmental baseline monitoring, etc. were largely completed. The contractor was finalising the proposed alternative design to the bridge structure of the Sha Tin Rural Committee Road Interchange and the contractor's foundation design of the noise barriers, and in parallel, was seeking comments/approvals from the concerned authorities and maintenance departments. The Traffic and Transport Committee of Sha Tin District Council was consulted and had no major comment on the proposed temporary traffic arrangement (TTA). Night-time TTA has been in place since Q1 of 2019 while day-time TTA would commence in Q2 of 2019 to facilitate the construction works.</p>
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	<p>Works for six contracts commenced in phases since July 2016.</p> <p>Site formation at Lam Tin Interchange (LTI) and Tseung Kwan O tunnel portals, marine viaduct construction, dredging and filling works at Junk Bay, footbridge construction and roadworks were in progress. Both tunnel blasting works and open blasting works at LTI commenced in July 2017 and were in progress.</p> <p>Owing to (i) additional time required for advance works for blasting, (ii) stringent requirements imposed on blasting 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
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>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>The project estimate was lower than the F.C. approved project estimate and had been updated to reflect the awarded tender sum of the works.</p> <p>Owing to longer-than-expected period to obtain F.C.'s funding approval, the works contract No. NL/2017/01 commenced on 15 November 2017 which was 4.5 months later than the anticipated commencement date in PWSC paper.</p> <p>The original contract period was 32 months. Extension of Time of about 2 months had been granted to the Contractor due to inclement weather.</p> <p>Drainage works, water main laying works, sewerage works and the construction of amenity area, footpath, cycle track and bus lay-bys at north of Ying Hei Road were in progress.</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 69% 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	The site formation works entrusted to Hong Kong Housing Authority were about 45% completed. Bulk excavation for site formation works, construction of retaining wall and drainage works along the new public road were in progress. The infrastructure works carried out by CEDD were about 48% completed. Construction of box culvert, drainage pipes, sewerage pipes and water mains 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 34% 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 48% 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 link at Nam Cheong Street, Sham Shui Po	Approved by F.C. Current forecast	318.300 318.300	06/15 10/15	06/18 01/19	Works were substantially completed in January 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
B202SC	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 12% 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 works contract could only commenced in January 2019 for completion by Q1 of 2022.

Appendix

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

	<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

- B. Projects which were completed in the quarter ending March 2019 and will be excluded from the next report onwards:

	<u>Item</u>	<u>Title</u>
1	7761CL	Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport
2	3074KA	Construction of West Kowloon Government Offices
3	3056RG	Government Complex in Area 14 (Siu Lun), Tuen Mun
4	7790CL	Infrastructure Works for West Kowloon Cultural District, phase 1– First Construction Package
5	6579TH	Central-Wan Chai Bypass & Island Eastern Corridor Link
6	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 48

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