

**Quarterly Report  
on  
Public Works Programme  
for  
April - June 2019**

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

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

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

In the quarter ending March 2019, six projects were completed. These projects are no longer included in this report. In the quarter ending June 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  
November 2019

Secretary for  
Commerce and Economic Development

<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
3023PP	Reprovisioning of the Hongkong Post's Headquarters	Approved by F.C. Current forecast	1,600.900 1,600.900	Q3/18 04/19	Q1/22 Q4/22	Contract commenced on 18 April 2019. Site preparatory works were in progress.

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 95% 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 15% completed. Substructure construction was completed. Site formation works, superstructure construction and road widening works were in progress.
3117KA	Relocation of New Territories West Regional Office and Water Resources Education Centre of Water Supplies Department to Tin Shui Wai	Approved by F.C. Current forecast	823.400 823.400	mid 2015 08/15	mid 2019 06/19	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 substantially completed in June 2019.
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 38% completed. Substructure, superstructure and footbridge 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
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 were about 4% completed. Condition survey and site clearance works were in progress.
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 Q1/19	Q4/22 Q4/22	Works were about 3% completed. Site formation works and subcontracting were in progress.
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 1<sup>st</sup> CMP was exhausted in late August 2013. The disposal of contaminated sediment was then switched to a time-limited disposal facility to the South of the Brothers (SB), which comprises two CMPs under Project No. 5737CL. Following the depletion of the disposal facility to the SB on 22 March 2016, the 2<sup>nd</sup> pit to the ESC 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</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 04/19	<p>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> <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 traffic control and surveillance system commenced on 11 December 2015 and 27 April 2016 respectively.</p> <p>The project was substantially completed in early April 2019 and the Connecting Road (Heung Yuen Wai Highway) was open to the public on 26 May 2019.</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 06/26	<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</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
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	<p>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 \$6 billion in the 2019-20 Budget for developing new harbourfront promenades and open space as well as improving harbourfront facilities. Five projects in Wan Chai North harbourfront will be implemented under the earmarked funding in the coming decade.</p> <p>Works were about 82.5% completed. The project estimate was revised due to lower tender prices.</p>
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	<p>The contract commenced on 22 June 2018 and works were about 48% completed. Excavation of top soil near hot spots LD-001, LD-004 and LD-005, ground treatment works, construction of temporary vehicular bridge and the Ecological Area, and establishment of nursery areas for reed bed were in progress.</p> <p>The project estimate is reduced due to lower-than-expected tender price received.</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
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.
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.
7793CL	Site formation and infrastructure works for Police facilities in Kong Nga Po	Approved by F.C.	1,913.000	Q2/19	Phased completion from end 2021 to end 2022	The Project obtained funding approval from F.C. on 3 May 2019. The project start and completion dates are updated to reflect the latest tendering programme. The current target is to complete formation of the Kong Nga Po site and hand over to ArchSD for building works by Q1 of 2022.
		Current forecast	1,913.000	11/19	Phased completion from Q1 of 2022 to Q2 of 2023	
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 49.6% completed. The project estimate was adjusted downward mainly due to the low tender prices of Stage 5A and Stage 3B infrastructure works.

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
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 authorised in August / September 2018.
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 91% 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.

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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 29% completed. The project estimate is reduced due to lower-than-expected tender price received.
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 17% 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. Works were in progress.

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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	<p>The consultancy was awarded on 11 September 2018 and commenced on 14 September 2018.</p> <p>The consultant submitted various deliverables in the Review Phase. The topographical survey, tree survey and ecological survey were substantially completed.</p> <p>The proposed road and sewerage works for the project were gazetted on 14 June 2019.</p>
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	890.900 661.070	mid 2016 06/16	early 2020 03/20	<p>Site formation, subway, retaining walls and bridge construction works were in progress. Works were about 82% completed. The project estimate is reduced due to lower-than-expected tender price received.</p>
9198WC	Implementation of Water Intelligent Network, stage 1	Approved by F.C. Current forecast	239.700 239.700	end 2016 12/16	Feb 2020 Feb 2020	<p>Contract No. 10/WSD/16 commenced on 23 December 2016. Construction of pressure management and district metering installations was in progress and about 67% completed.</p>
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	<p>Contract No. 2/WSD/18 commenced on 31 October 2018. Construction of pressure management and district metering installations was in progress and about 2.2% completed.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
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 58.6% and 75.2% 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 2% completed.
9356WF	Upgrading 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 17.3% completed.

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9358WF	In-situ reprovisioning of Sha Tin water treatment works (South Works) – Advance Works	Approved by F.C. Current forecast	1,658.000 1,250.001	08/15 10/15	12/18 11/19	<p>The site formation works for Logistics Centre was substantially completed. The construction of the bored piles retaining wall behind the Water Treatment Works Logistics Centre was in progress and was about 90% 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 November 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 completed and FSD's inspection of fire service installation of the temporary power house was schedule to be carried out in July 2019.</p> <p>Due to unexpected amount of water ingress into the existing washwater culvert, construction and connection works of the Temporary Washwater Recovery Tank (TWRT) were significantly affected. The delay was critical to the Contract and led to the extension of project completion date by 4 months to end November 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 of all the OSCG main skids has been completed and two skids have been delivered to site. Civil construction works in some water treatment works (WTW) have commenced. All the chlorine cylinders at Tuen Mun WTW have been evacuated for major civil works inside the chlorine store. The overall works progress was about 21% 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	<p>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 3% completed.</p> <p>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.</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 04/20	<p>Contract No. 9/WSD/11 - the expected contract completion date defers from November 2019 to April 2020 due to site constraint and contractor's performance. The contractor had been urged to provide sufficient resource for the works and their performance had been reflected in Contractor's Performance Report. Mainlaying works were in progress and were about 94% completed.</p> <p>Contract Nos. 14/WSD/14, 1/WSD/10 and 2/WSD/11 had been finalised.</p>



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9053WS	Upgrading of Chai Wan salt water supply system	Approved by F.C. Current forecast	379.100 379.100	12/16 11/16	early 2020 early 2020	<p>Civil works Contract No. 7/WSD/16 commenced on 28 April 2017. Mainlaying works was about 43.8% completed and upgrading works for pumping station was about 53% completed. DN600 OP and SV chambers within the pumping station were completed. Majority of the cable trench to HEC Transformer House modification works inside the pumping station were completed.</p> <p>E&amp;M works Contract No. 9/WSD/17 commenced on 20 November 2017. Main M&amp;E equipment were manufactured and delivered to site. Equipment installation commenced in December 2018 with the installation and site test on the high zone surge vessels completed in mid-2019.</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 by F.C. Current forecast	345.500 345.500	Q2/18 08/18	Q1/21 Q2/21	Works were about 20% completed. Piling works and pile cap construction 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 05/19	Works were substantially completed in May 2019.  Project completion date was revised because of unforeseen underground condition during foundation and external works.
3360EP	First 30-classroom primary school at Queen's Hill, Fanling	Approved by F.C. Current forecast	386.100 386.100	Q2/19 04/19	Q3/21 Q3/21	Contract commenced on 1 April 2019. Piling works were in progress.
3361EP	Second 30-classroom primary school at Queen's Hill, Fanling	Approved by F.C. Current forecast	386.600 386.600	Q2/19 04/19	Q3/21 Q3/21	Contract commenced on 1 April 2019. Piling works were in progress.
3271ES	A 30-classroom secondary school at Site 1A-2, Kai Tak development	Approved by F.C. Current forecast	446.700 446.700	late 2016 12/16	early 2019 06/19	Works were substantially completed in June 2019.  Project completion date was revised because of unforeseen underground condition during piling works.

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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 85% 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.
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 62% completed. Superstructure construction, internal fitting-out, building services and external 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
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 were about 1.2% completed. Condition survey, underground utility detection and excavation of trial pits were ongoing. Construction of DWFI at Shing Yip Street was in progress.
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 23% completed. Construction of maintenance corridor for dry weather flow interceptor and excavation and lateral support system for the pumping station 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 55% 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 8% completed. Site preparation and initial survey were in progress. Procurement of sub-contracting works continued.
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 6% completed. Subcontract of electrical and mechanical works for temporary sewage treatment plant (TSTP) was awarded in February 2019. Detailed design of TSTP were in progress. Piling works for TSTP are about to commence.

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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 20% completed. Rehabilitation works in Ngau Chi Wan and To Kwa Wan were in progress. Construction of jacking pit in Sai Kung commenced. Construction preparatory works in Sha Tin 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 25% completed. Design of equipment and procurement of subcontracts were underway. Installation of third 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 were about 1% completed. Trial pits, procurement of subcontracts and application of temporary traffic arrangements 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 were about 1.5% completed. Site preparatory works and procurement of subcontracts continued. Ground investigation works and liaison works with local stakeholders and relevant government departments were in progress.
4404DS	Tuen Mun sewerage – Castle Peak Road Trunk Sewer and Tuen Mun Village Sewerage	Approved by F.C. Current forecast	722.500 722.500	03/15 07/15	04/19 10/19	Works were about 90% 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.

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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	<p>The progress was lagging behind schedule because extra time was required to deal with unforeseen utilities encountered in the works front (e.g. Fuk Hang Tsuen Road and Fu Hang Road); revise alignment of temporary traffic arrangement scheme as a result of locals' objections and hence the construction method; and handle rock excavation (e.g. very hard materials encountered at Castle Peak Road).</p> <p>Works were about 55% completed.</p> <p>About 93% of the substructure works were completed. Wrapping up of detailed design works, by-pass pipelaying, substructure works, superstructure works and architectural builder's works and finishes works were in progress. Site-wide underground utilities, permanent backfilling works around chemically enhanced primary treatment, retaining wall construction at Portion P8, excavation and lateral support works for retaining wall construction at northwest corner of the site and water tightness test for buildings commenced in this quarter.</p> <p>The progress was lagging behind schedule because extra time was required to deal with unforeseen utilities encountered in the works front (e.g. Fuk Hang Tsuen Road and Fu Hang Road); revise alignment of temporary traffic arrangement scheme as a result of locals' objections and hence the construction method; and handle rock excavation (e.g. very hard materials encountered at Castle Peak Road).</p>



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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 30% completed. Bored piling works for the balancing tank and the plant house were completed. All the sheet piles of the excavation and lateral support (ELS) works of the balancing tank have been installed and excavation to founding level is underway. The foundation work for the planter structure of the landscaped deck have just commenced. Mini-piles works for the overflow chamber cum jacking pit of the connection pipe between the Kwun Tong Sewage Pumping Station and the Kwun Tong Preliminary Treatment Works were completed and the ELS works for the chamber is underway.
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 17% completed. The construction works in Tsuen Wan commenced on June 2018 and the construction works in West Kowloon commenced on August 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 01/19	Q4/22 Q4/22	Works were about 1% completed. Procurement of equipment and material for condition survey and rehabilitation 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

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5163DR	Northeast New Territories Landfill Extension	Approved by F.C. Current forecast	7,510.000 7,510.000	mid 2016 end 2020	mid 2030 2035	<p>completion in Q1 of 2020.</p> <p>F.C. approved funding on 4 January 2019 for implementation of the Remaining Works under Phase III. The construction work subsequently commenced in late January 2019 for targeted completion by end 2025.</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>

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
5177DR	Integrated waste management facilities phase 1	Approved by F.C. Current forecast	19,203.700 19,203.700	2016 – 2017 12/17	2022 – 23 2024	<p>The 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.</p> <p>IWMF Phase 1 is to be constructed on an artificial island off Shek Kwu Chau. Reclamation works started in late December 2018 for completion by 2021.</p>
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 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 66% completed by end Q2 of 2019. The change in project completion date was mainly due to uncharted utilities and inclement weather.

Secretary for  
Financial Services and the Treasury

<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
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 8% 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 3% 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 21% completed. Construction of ancillary buildings and utilities diversion works were completed. 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	<p>For the decanting building at Shatin Hospital, works were about 42% completed. Piling works were completed. Superstructure construction was in progress.</p> <p>Addition and alteration works at a number of existing buildings at Prince of Wales Hospital were in progress with works of about 83% completed.</p> <p>Demolition of a number of existing buildings at Prince of Wales Hospital was in progress with works of about 95% completed.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
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 10% completed. Piling, and excavation and lateral support works for basement construction 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 63% 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 12% completed. Site formation works were completed. Piling 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 82% 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 5% completed. Site formation works were in progress.



<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
5816CL	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 56% and 21% 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 41% completed. Substructure and superstructure construction was 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 29% completed. Excavation and lateral support works, basement and superstructure 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 18% completed. Underground drainage and substructure construction were 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 to Q4/22	Phase 1 works were about 3% completed. Underground drainage works and substructure construction were in progress. Tender assessment for Phase 2 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
3272RS	Kai Tak Sports Park – construction works	Approved by F.C. Current forecast	31,898.000 31,898.000	Q4/18 02/19	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 06/19	Works were substantially completed in June 2019.  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 4% completed. Demolition and internal building services diversion 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	Works were about 3% completed. Piling works under piling contract was in progress. Tender documentation for the main contract was in progress.
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 92% 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

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
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	<p>end 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.</p> <p>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 20% completed.</p>

Secretary for  
Innovation and Technology

<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
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 2% completed. Geotechnical works were completed. Excavation and lateral support works for footing construction were in progress.

Secretary for Justice



<b>Project No.</b>	<b>Project Title</b>		<b>Project Estimate (\$M)</b>	<b>Project Start Date</b>	<b>Project Completion Date</b>	<b>Notes on Progress of Project and variance in project estimate, start date and completion date</b>
3118KA	Renovation works for the West Wing of the former Central Government Offices for office use by the Department of Justice and law-related organisations	Approved by F.C. Current forecast	1,078.900 1,078.900	Q4/16 10/16	Q4/18 4/19	Works were substantially completed in April 2019. 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 77% 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 12% completed. Footing, substructure and superstructure construction were 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 were about 13% completed. 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.
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 01/19	Q1/22 Q1/22	Works were about 4% completed. Piling 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
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 04/19	Works were substantially completed in April 2019.
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 18% completed. Substructure and superstructure construction was in progress.
3130KA	Immigration Headquarters in Tseung Kwan O	Approved by F.C. Current forecast	6,806.000 6,806.000	Q2/19 06/19	Q3/23 Q3/23	Project was upgraded to Cat. A in May 2019. Contract commenced on 25 June 2019.
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 45% completed. Superstructure construction, curtain wall installation, internal fitting-out and external works were in progress.

Secretary for  
Transport and Housing

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
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	Design and procurement of works by The Airport Authority Hong Kong were 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	Design and procurement of works by The Airport Authority Hong Kong were 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	Design and procurement of works by The Airport Authority Hong Kong 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
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 05/20	<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 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. The site trial was completed in March 2019 and confirmed the effectiveness of the new method. The revised completion date is May 2020.</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 (Retrofitting Works) 06/18* (Design Works)	<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 mid-2018. Due to late availability of site, site constraints, etc., the design works for a few items will go beyond 2019 and are scheduled for completion by 2021 tentatively.)</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
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 invitation for the main construction contract was closed in April 2019. Tender assessment is in progress.
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	The contract was awarded in May 2019 and works commenced in June 2019.
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.
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 Nam Pin Wai Footbridge, Ho Chung Road retaining walls and noise barriers 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
6720TH	Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling – Stage 2	Approved by F.C. Current forecast	4,320.00 4,320.00	07/13 07/13	2018 2019	<p>The project comprises two construction contracts. Constructions of footbridges, noise barriers, retaining walls and road works under Contract No. HY/2012/06 were in progress.</p> <p>Works for the portion entrusted to CEDD for implementation under Contract No. CV/2012/09 were substantially completed on 22 October 2018.</p> <p>The revision in the project completion date was due to the longer than expected time required for land resumption and clearance.</p>
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 HZMB HKBCF (i.e. Hong Kong Port) was commissioned on 24 October 2018. Tenders for the second phase of the project would be invited in July 2019. The construction works would commence in Q4 of 2019 for completion by end 2021 tentatively.</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 early 2021	<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>

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 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>Due to the difficulties encountered in end 2018, the project completion date is revised to early 2021 taking into account the adoption of mitigating measures and deployment of additional resources to recover the delay as much as possible.</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>MTRCL finalised with LCSD the technical schedule for the reprovisioning works of Ma Chai Hang Recreation Ground in June 2019. MTRCL was preparing the tender documents for</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
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>engaging consultants for the detailed design of the reprovisioning works. It was anticipated that the tender would be invited by end of 2019.</p> <p>Works were about 84% 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, 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, Diamond Hill Station, Kai Tak Station</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 Sung Wong Toi Station (formerly known as To Kwa Wan Station) were completed. Architectural builders works and finishes (ABWF) for To Kwa Wan Station (formerly known as Ma Tau Wai Station) were in progress. The testing of various E&amp;M systems in To Kwa Wan Station were completed.</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. For the works at Hung Hom Station Extension, 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. The first and second stages were completed and the structural assessment under the third stage was underway.</p> <p>For the cross harbour section, the immersed tube tunnel (IMT) structure was substantially completed in November 2018. Internal works of IMT and track laying were underway.</p> <p>For Exhibition Centre Station, rock excavation at the former Harbour Road Sport Centre (HRSC) and Wan Chai Swimming pool sites to formation level was completed. The current risk of encountering bombs at the excavation sites of former Wan</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>Chai Swimming Pool, former Harbour Road Sports Centre and Fleming Road have been greatly reduced. 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> <p>After the erection of a section of the permanent footbridge at Convention Avenue connecting to Wan Chai Ferry Pier in November 2018, MTRCL scheduled the re-provisioning of the remaining section of the permanent footbridge and the demolition of the associated temporary footbridge for late 2019 – early 2020. Convention Avenue would be temporarily closed for several nights for the construction of the relevant works in due course.</p>
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	<p>The works contract commenced on 30 November 2018. 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
7822TH	Cross Bay Link, Tseung Kwan O – construction	Approved by F.C. Current forecast	5,625.700 3,848.840	2 <sup>nd</sup> half of 2018 07/18	2022 2022	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	<p>The total expenditure forecast was different from the original forecast 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>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 commenced in April 2019 to facilitate the construction works. Tree felling works on the slopes of the slip roads to Shatin Rural Committee Road were completed for commencement of construction of the adjacent retaining walls in Q2 of 2019.</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>

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>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>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 the PWSC paper.</p> <p>The original contract period was 32 months. Extension of Time of about 2.5 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 75% 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 50% 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 61% completed. Construction of box culvert, drainage pipes, sewerage pipes and water mains were in progress.
B075MC	Community health centre-cum-residential care home for the elderly at Tuen Mun Area 29 West	Approved by F.C. Current forecast	1,046.400 1,046.400	Q2/19 Q2/19	2024 2024	Project was upgraded to Cat. A in January 2019. Piling contract commenced on 26 June 2019.
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 40% 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 49% completed. Superstructure construction was in progress.



Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
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 15% 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 construction works commenced in January 2019 for completion in February 2022.

## Appendix

- A. Projects which were completed in the quarter ending March 2019 and have been excluded from this report:

	<b><u>Item</u></b>	<b><u>Title</u></b>
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

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

	<b><u>Item</u></b>	<b><u>Title</u></b>
1	3117KA	Relocation of New Territories West Regional Office and Water Resources Education Centre of Water Supplies Department to Tin Shui Wai
2	5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works—site formation and infrastructure works
3	3353EP	A 30-classroom primary school at Site KT2b, Development at Anderson Road, Kwun Tong
4	3271ES	A 30-classroom secondary school at Site 1A-2, Kai Tak development
5	3273RS	Sports Centre in Area 24D, Sha Tin
6	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

## 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