

Quarterly Report
on
Public Works Programme
for
October - December 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 forecast total annual expenditure, cost, importance, complexity and other factors which suggest that they may be of interest to the public. Key information including project estimates, start and completion dates as approved by the Finance Committee, together with a Note on Progress, is given for each project.

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

Development Bureau
The Government of the
Hong Kong Special Administrative Region
August 2020

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 04/19	Q1/22 Q4/22	Works were about 12% completed. Piling works, and excavation and lateral support works for basement construction were in progress. Project programme was revised because of longer time required for funding approval.

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 10/19	Works were substantially completed in October 2019. 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 50% completed. Superstructure construction were completed. Site formation road widening, internal finishes, building services and external works were in progress.
3281RS	Reprovisioning of Tsun Yip Street Playground facilities to Hong Ning Road Park and Ngau Tau Kok Fresh Water Service Reservoir	Approved by F.C. Current forecast	382.200 382.200	Q2/18 03/18	Q2/21 Q2/21	Works were about 61% completed. Substructure, superstructure and footbridge construction was in progress.
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 23% completed. Slope upgrading works and 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
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	Works were about 20% completed. Subcontracting of major works were nearly at completion. Site formation works including installation of soil nails near main portal areas were in progress. The construction of diverted cycle track and footpath and formation of the access road to the proposed magazine site at A Kung Kok Shan Road 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 first CMP Va was exhausted in 2013Q3 and disposal was switched to the South of The Brothers (SB) facility. With the exhaustion of the SB facility, CMP Vd commenced operation in Mar 2016 and it is currently receiving contaminated sediment.</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 project completion date was extended beyond July 2016 mainly due to the time-limited switching of sediment disposal from ESC to SB between 2013Q3 and Mar 2016, and reduction in disposal demand due to the use of non-dredged construction methods in recent marine works and reclamation projects. Based on the latest estimate, it was anticipated that the remaining disposal facility at the ESC would be exhausted by 2027 and the subsequent capping would be completed by 2029.</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
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 Phased completion from Q3 of 2013 to Q2 of 2026	<p>The construction of four works contracts were substantially completed in phases from Q3 of 2013 to Q4 of 2018.</p> <p>Part of the WDII 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 end 2022 after completion of the SCL railway works within the same sites.</p> <p>The fifth works contract for construction of landscaped deck to the west of Hong Kong Convention and Exhibition Centre and associated road works would commence in mid 2020.</p> <p>The construction of other pedestrian connections and associated road works would be implemented along with the future development of the Wan Chai North-harbourfront. The estimated completion date of 2026 would be reviewed having regard to the progress of the development in the area.</p>
7711CL	Kai Tak development – infrastructure work for developments at the southern part of the former runway	Approved by F.C. Current forecast	5,757.100 3,647.470	Q4/15 11/15	2019 12/19	Works were substantially completed in December 2019 as planned.

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
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 74% completed. Land decontamination works at hot spot LD-003, 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 was reduced due to lower-than-expected tender price received.</p>
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 05/20	<p>Works were about 95% completed. Road and drainage works were in progress. The forecast project completion was updated to May 2020 to reflect the phased handover of work sites to the contractor to suit the latest land clearance progress.</p>
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 05/20	<p>Works were about 95% completed. Road and drainage works were in progress. The forecast project completion was updated to May 2020 to reflect the phased handover of work sites to the contractor to suit the latest land clearance 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
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 were updated to reflect the tendering programme. Works were about 1% completed. The formation of the Kong Nga Po site would be completed and handed over to ArchSD for building works by Q1 of 2022 tentatively.
		Current forecast	1,212.990	11/19	Phased completion from Q1 of 2022 to Q2 of 2023	The total expenditure forecast was different from the original forecast due to a lower awarded tender price.
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 phases since September 2016 and are about 60.4% completed. The project estimate was adjusted downward to reflect the awarded 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
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 2024	<p>Detailed design for Tung Chung East (TCE) infrastructure works and for Tung Chung West (TCW) site formation and infrastructure works was in progress.</p> <p>The road and sewerage works for TCE were gazetted in May 2018 and authorised in September 2018. The gazette for the road and sewerage works for TCW was divided into 3 packages. The first and second packages were first gazetted in September 2017 and May 2018 respectively. The third package was gazetted in November 2019 and resolution of objections was in progress.</p> <p>The project estimate was updated based on the latest estimate. The revision in project completion date was due to the longer than expected time required for land resumption and clearance.</p>
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 12/19	<p>The footbridge was substantially completed and opened to the public on 30 December 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
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 commenced in phases since December 2016 and are about 57.0% completed. Site formation at the main site, road and drainage works, construction of underpass, underground stormwater retention tank, public transport terminus, off-site pedestrian connectivity facilities and bus-to-bus interchange at the toll plaza of Tseung Kwan O Tunnel are 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. Wetland re-provisioning works were completed on 8 October 2019. Geotechnical investigation, vehicular bridge foundation work, trenchless sewerage works and box culvert construction were in progress. Works were about 35% completed. The project estimate was 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. Deep Cement Mixing and filling works for the reclamation were in progress. Works were about 23% 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
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 and are about 17.5% completed. Road improvement works at Clear Water Bay Road, New Clear Water Bay Road and Lin Tak Road and foundation works of pedestrian connectivity facilities are 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 in phases since March 2019 and are about 14.6% completed. Ground investigation, excavation and lateral support works for road construction and design of Road D3 (Metro Park Section) are in progress.
7823CL	Development of Lok Ma Chau Loop – Main Works Package 1 – detailed design and site investigation	Approved by F.C. Current forecast	268.300 268.300	mid 2018 09/18	early 2023 early 2023	The consultancy commenced on 14 September 2018. The Design Phases for Sub-packages A and B commenced on 20 September 2019. The Consultant was carrying out detailed design and site investigation for the project based on the latest development parameters. The statutory objection period for the gazetted road works ended on 13 August 2019 and resolution of the objections received was in progress. General site investigation (SI) works for Sub-package A commenced on 13 June 2019 and was substantially completed. Special SI works (in-situ trial for sediment treatment in Shenzhen River) and General SI works for Sub-package B commenced on 10 October 2019 and 29 November 2019 respectively.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
7259RS	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	890.900 655.100	mid 2016 06/16	early 2020 03/2020	Site formation, subway, retaining walls and bridge and cycle track construction works were in progress. Works were about 95% completed. The project estimate was reduced due to lower-than-expected awarded tender price.
7747CL	Advance site formation and engineering infrastructure works at Kwu Tung North new development area and Fanling North new development area	Approved by F.C. Current forecast	17,320.100 15,189.550	Q3/19 09/19	2026 2026	The Project obtained funding approval from Finance Committee on 3 May 2019 and tenders were invited on 17 May 2019 for the first contract (ND/2019/06). Accordingly, the first contract works commenced on 27 September 2019. Works under Contract Nos. ND/2019/01 and ND/2019/03 commenced on 6 December 2019 and 19 December 2019 respectively. The project estimate is revised from \$17,320.100M to \$15,189.550M based on the tender return of Contract Nos. ND/2019/06, ND/2019/01 and ND/2019/03. We will review further the project estimate and cashflow upon receipt of the tender returns of the remaining works contracts under 747CL. Works were about 0.11% completed.
9198WC	Implementation of Water Intelligent Network, stage 1	Approved by F.C. Current forecast	239.700 239.700	end 2016 12/16	end 2019 Q2/20	Contract No. 10/WSD/16 commenced on 23 December 2016. Construction of pressure management and district metering installations was in progress and about 82.7% completed. The delay in progress is mainly due to inclement weather, unforeseen underground utilities/ground conditions.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
9202WC	Implementation of Water Intelligent Network, stage 2	Approved by F.C. Current forecast	655.400 655.400	Q3/18 10/18	Q3/22 Q3/22	Contract No. 2/WSD/18 commenced on 31 October 2018. Construction of pressure management and district metering installations was in progress and was about 15.0% 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 Q2/20	The main civil works contract, namely Contract no. 4/WSD/16, commenced on 28 April 2017. Construction of the service reservoir was substantially completed while mainlaying works were about 96% completed.
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 Q1/24	The first works contract no. 3/WSD/18 commenced on 26 September 2018, Contract no. 4/WSD/18 commenced on 20 March 2019 and Contract no. 5/WSD/18 commenced on 2 July 2019. The works progress were about 8.9%, 23.1% and 5.6% completed respectively.
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 Q4/20	The main civil works Contract No. 4/WSD/17 commenced in 12 February 2018. Works were about 49% completed. Construction of columns and walls of service reservoir was in progress. The delay was mainly due to the unforeseen ground condition of the site and inclement weather. Extra time was also spent on excavation and construction of the service reservoir's foundation.

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
9358WF	In-situ reprovisioning of Sha Tin water treatment works (South Works) – Advance Works	Approved by F.C. Current forecast	1,658.000 1,658.000	08/15 10/15	12/18 Q1/20	<p>Works were about 95% completed. The civil and structural works of the Logistics Centre were substantially completed by November 2019. Testing and commissioning of chemical dosing system, which involves five chemicals, are undergoing in staggering manner for completion by February 2020.</p> <p>The delay was mainly due to the inclement weather throughout the contract period and the failure to achieve partial energization for some sub-circuits in Logistics Centre by CLP to enable earlier equipment testing.</p>
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 overall works progress was about 30% 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 no. 13/WSD/16 commenced on 16 November 2017. The mainlaying works were in progress and were about 9% 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
9043WS	Uprating of Wan Chai salt water supply system	Approved by F.C. Current forecast	271.100 271.100	11/09 08/10	12/14 Q2/20	<p>The expected contract completion date of Contract No. 9/WSD/11 defers from Q4 of 2019 to Q2 of 2020. Due to site constraint, mainlaying works were in progress and were about 96% completed.</p> <p>Contract Nos. 14/WSD/14, 1/WSD/10 and 2/WSD/11 had been finalised.</p>
9053WS	Uprating of Chai Wan salt water supply system	Approved by F.C. Current forecast	379.100 379.100	12/16 11/16	early 2020 Q2/21	<p>Civil works Contract No. 7/WSD/16 commenced on 28 April 2017. Mainlaying works were about 58.0% completed and upgrading works for pumping station were about 78.3% completed.</p> <p>E&M works Contract No. 9/WSD/17 commenced on 20 November 2017. Equipment installation was about 42% completed.</p> <p>Due to unforeseen ground condition/site constraint, the construction method of several sections of mainlaying works was changed. The latest anticipated completion date is therefore delayed to Q2 of 2021.</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
9357WF	Design and construction for first stage of desalination plant at Tseung Kwan O – main works	Approved by F.C. Current forecast	7,727.500 7,727.500	Q2/19 12/19	Q4/22 Q2/23	F.C. approved the funding on 1 November 2019. The project start and completion dates are updated accordingly. Contract No. 13/WSD/17 for the design, build and operate of the first stage of Tseung Kwan O Desalination Plant commenced on 30 December 2019.

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
3272ES	A 30-classroom secondary school at Site KT2e, Development at Anderson Road, Kwun Tong	Approved by F.C. Current forecast	434.800 434.800	Q3/19 10/19	Q2/22 Q2/22	Contract commenced on 31 October 2019. Works were about 2% completed. Site preparatory works were in progress.
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 30% completed. Piling works and pile cap construction were completed. Superstructure construction was in progress. Project programme was revised because of longer time required for funding approval.
3358EP	A 30-classroom primary school at Shui Chuen O, Sha Tin	Approved by F.C. Current forecast	363.200 363.200	Q3/19 Q1/20	Q1/22 Q3/22	Tender assessment for the works contract was in progress. Project programme was revised because of longer time required for funding approval and tendering process for the works contract.
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	Works were about 18% completed. Substructure 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
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	Works were about 18% completed. Substructure construction was in progress.

Secretary for the Environment

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4344DS	Upgrading of Central and East Kowloon sewerage – phase 3	Approved by F.C. Current forecast	680.900 680.900	Q4/18 01/19	Q1/24 Q1/24	Works were about 7% completed. Construction of a dry weather flow interceptor at Shing Yip Street and Kwun Tong Road were in progress. Sewerage upgrading works at ten locations scattered at Tsim Sha Tsui and To Kwa Wan were on-going.
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 36% completed. Construction of maintenance corridor for a dry weather flow interceptor, and construction of substructure 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 Q4/25	4381DS consists of two contracts. Works under the first contract (DC/2016/01) for the construction of addition sewage rising main were about 71% completed. Pipe laying works at Cheung Tung Road and construction works for the vortex tower at the Siu Ho Wan Sewage Treatment Works were in progress. The second contract has not yet started. As a whole for the project, about 39% was completed for 4381DS.
4388DS	Shek Wu Hui Effluent Polishing Plant	Approved by F.C. Current forecast	11,972.800 11,972.800	Q3/19 09/19	2034 2034	All four works contracts in Main Works Stage 1 were commenced in September, October, November and December 2019 respectively.

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
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 18% completed. Trunk sewer rehabilitation and new sewer laying works were in progress.
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 21% completed. Civil works, and electrical and mechanical installation for temporary sewage treatment plant were in progress. Design for permanent sewage treatment works 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 38% completed. Rehabilitation works in Ngau Chi Wan and To Kwa Wan, and pit construction in Sai Kung and Sha Tin were in progress. Liaison with the Transport Department and the Police on temporary traffic arrangements for 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 39% completed. Equipment design and subcontract procurement were underway. Replacement of the fourth set of screw pump was in progress.
4398DS	Sewerage to Lei Yue Mun Village	Approved by F.C. Current forecast	260.100 260.100	Q3/18 11/18	Q1/23 Q1/23	Works were about 15% completed. Trial trenches and sewer laying 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
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 10% completed. Diversion of existing sewerage, demolition of the existing underground structure for the subsequent piling works at the Screen House of the proposed Ting Kok Road Sewage Pumping Station (TKRSPS) No. 5, and piling works at the proposed TKRSPS No. 7 were in progress. Relocation of parking spaces at Tai Mei Tuk Public Carpark for construction of the proposed TKRSPS No. 8 was in progress. The sewerage works and trial pit excavation works along Tai Mei Tuk Road, Ting Kok Road, Sha Lan and Tai Po Tau 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 substantially completed in October 2019.
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 70% completed. Structural works, architectural builder's works and finishes works, electrical and mechanical works, site-wide underground utilities, permanent backfilling works around for the site, retaining wall construction and water tightness test for buildings 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
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 44% completed. All piling works and excavation of the balancing tank were completed. Pile cap construction of the plant house and the construction of the planter structure pile cap was underway. The excavation for the combined excavation and lateral support works for the overflow chamber and launching pit have been completed for the trenchless pipe laying between the Kwun Tong Sewage Pumping Station and the Kwun Tong Preliminary Treatment Works.
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 47% completed. Construction works of dry weather flow interceptors in West Kowloon 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 were about 7% completed. Procurement of equipment and material for condition survey and rehabilitation works were in progress. Liaison with the Transport Department and the Police on temporary traffic arrangement for condition survey and rehabilitation works continued.
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, Phase III (Package A) and Phase III (Package B) works were completed. Phase III (Package C) was scheduled for completion in Q2 2020. The remaining works under Phase III is scheduled for completion in end 2025.

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
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>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 works commenced in October 2018 with scheduled commissioning in mid-2021.</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 Design-Build-Operate 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 in progress.</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 2022. The works have been severely affected by inclement weather and frequent strong wave as the site is very exposed to the South China Sea. Up to end of December 2019, 5 months of extension of time was granted to extend the completion date to December 2024.</p>
5173DR	Organic resources recovery centre phase 2	Approved by F.C. Current forecast	2,453.000 2,453.000	Q1/2019 Q3/2019	Q4/2021 Q2/2022	<p>The Design-Build-Operate contract was awarded in August 2019, and the design and works commenced in September 2019 for commissioning in 2022. The design and works are in progress.</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 Q3/23	<p>The works were entrusted to CEDD which commenced in July 2018. Foundation works for the noise barriers 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
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 Q1/20	Works were about 84% completed by end December 2019. Installation of noise barrier panels was in progress. The delay in project completion 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	Works were substantially completed in December 2019.

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
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 12% completed. Excavation and lateral support works were completed. Basement construction was 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 7% completed. Excavation and lateral support works for basement construction were in progress. Project programme was revised because of longer time required for funding approval.

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. Demolition of the existing FEHD facilities at Sai Yee Street was in progress with works of about 81% completed.
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 6% completed. Site formation and drainage diversion 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 33% completed. Basement and superstructure 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 94% completed. Internal finishes and building services works were in progress. Addition and alteration works at a number of existing buildings at Prince of Wales Hospital were completed.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3094MM	New Acute Hospital at Kai Tak Development Area – foundation, excavation and lateral support, and basement excavation works	Approved by F.C. Current forecast	5,356.800 5,356.800	Q3/18 09/18	2024 2024	Works were about 32% 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 12/19	Works were substantially completed in December 2019.
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 19% 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 Q3/20	Building works by ArchSD were about 99% completed. Internal finishes and building services works were in progress. Road works by CEDD were about 82% completed. Widening of the existing footbridge and footpath was in progress. Project completion date was revised because of unforeseen underground condition during piling works for the footbridge widening.

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
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 9% completed. Site formation and piling works were in progress.
3081MM	Redevelopment of Kwai Chung Hospital, phases 2 and 3	Approved by F.C. Current forecast	7,452.100 7,452.100	Q3/2019 12/19	2024 Q2/25	Contract for Phase 2 works commenced on 31 December 2019. Project programme was revised because of longer time required for funding approval.
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 49% and 26% 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 and pipe laying works at Man Kam To Road were in progress.

Secretary for Home Affairs

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
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 Q1/21	<p>Works were about 46% completed. Substructure and superstructure construction was in progress.</p> <p>Project completion date was revised because of unforeseen underground condition during excavation and lateral support works for basement construction.</p>
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	<p>Works were about 38% completed. Basement and superstructure construction, and underground drainage works were in progress.</p> <p>Project programme was revised as longer time was required in preparation of tender documents in order to address PWSC's comments.</p>
3436RO	Avenue Park at Kai Tak	Approved by F.C. Current forecast	321.900 321.900	Q1/18 06/18	Q4/20 Q1/21	<p>Works were about 28% completed. Underground drainage works and substructure and superstructure construction were in progress.</p> <p>Project programme was revised because of longer time required for funding approval.</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
3467RO	Station Square at Kai Tak	Approved by F.C.	1,651.500	Q4/18	Phased completion from Q4/20 to Q4/22	Phase 1 works were about 18% completed. Underground drainage works, and substructure and superstructure construction were in progress. Phase 2 works were about 3% completed. Substructure construction was in progress.
		Current forecast	1,651.500	02/19	Phased completion from Q4/20 to Q4/22	
3272RS	Kai Tak Sports Park – construction works	Approved by F.C.	31,898.000	Q4/18	2023	Contract commenced on 1 February 2019. Piling works were in progress.
		Current forecast	31,898.000	02/19	2023	
3275RS	Provision of heated pool at the Morse Park Swimming Pool Complex, Wong Tai Sin	Approved by F.C.	576.500	Q4/18	Q2/22	Works were about 14% completed. Excavation and lateral support works for footing construction, and renovation works in the existing buildings were in progress.
		Current forecast	576.500	12/18	Q2/22	
3288RS	Swimming pool complex and open space in Area 107, Tin Shui Wai	Approved by F.C.	1,336.000	Q4/18	Q3/22	Works were about 6% completed. Piling works and pile cap construction under piling contract were in progress. Tender documentation for the main works contract was in progress.
		Current forecast	1,336.000	01/19	Q3/22	

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
7791CL	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 12/19	Works were substantially completed. The project estimate was revised due to lower tender prices.
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 contracts commenced on 8 January 2018 and 23 November 2018 respectively. Works were about 35% 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	<p>Works were about 5% completed. Excavation and lateral support works were completed. Footing and superstructure construction were in progress.</p> <p>Project programme was revised because of longer time required for tendering process for the works contract.</p>

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 11/19	Works were substantially completed in November 2019. 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 21% completed. Superstructure construction was in progress. Project programme was revised because of longer time required for funding approval.
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 30% completed. Building works by ArchSD were about 2% completed. Site preparatory works were 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 01/19	Q1/22 Q1/22	Works were about 16% completed. Piling 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 37% completed. Substructure and superstructure construction was in progress. Project programme was revised because of longer time required for funding approval.
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	Works were about 2% completed. Piling works were in progress.
3237LP	Kowloon East Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station	Approved by F.C. Current forecast	3,186.000 3,186.000	Q3/16 07/16	Q4/21 Q4/21	Works were about 90% completed. Curtain wall installation was completed. 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 06/19	2024 2024	Site preparatory works for the facilities to support the Interim-2RS operation, as well as design and procurement of works for other facilities 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 06/19	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 06/19	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	488.200 503.200	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 on a new method 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 the effectiveness of the new method was confirmed. The revised completion date is May 2020.</p> <p>The project estimate was increased to cover the additional costs arising from the abovementioned unforeseen rock removal works.</p>
7785TH	Trunk Road T2 and Cha Kwo Ling Tunnel – construction	Approved by F.C. Current forecast	16,017.000 16,017.000	2019 11/19	2026 2026	<p>Works commenced in November 2019. Preparation for ground investigation and design submissions 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
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>
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 12/19	Q2/23 Q2/23	The contract was awarded in December 2019 and works had commenced.
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 05/19	end 2020 end 2020	The contract was awarded in May 2019 and works commenced in June 2019. The project was about 11% 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
6461TH	Central Kowloon Route – Main Works	Approved by F.C. Current forecast	42,363.900 40,319.450	Q4/17 12/17	2025 2025	Works commenced in December 2017 and were about 13.5% completed. Major works in progress include construction of tunnel and foundations for roads connecting to the existing network at Yau Ma Tei and Kai Tak, as well as reprovisioning works for the affected public facilities at Yau Ma Tei.
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 Q4/20	Works were about 67% completed. The Hiram’s Villa Section was substantially completed on 30 December 2019. Construction of Nam Pin Wai Footbridge, Ho Chung Bridge, Ho Chung Road cantilever slab, retaining walls and noise barriers were in progress.
6845TH	Hong Kong–Zhuhai–Macao Bridge (HZMB) Hong Kong Boundary Crossing Facilities (HKBCF) – Reclamation and Superstructures	Approved by F.C. Current forecast	35,895.000 35,895.000	end 2011 11/11	end 2016 The HZMB HKBCF was commissioned in October 2018.	The HZMB HKBCF (i.e. Hong Kong Port) was commissioned on 24 October 2018. The project was 90% completed. The phase 2 works of HZMB HKBCF, covering the remaining and improvement works at the Hong Kong Port commenced in December 2019 for completion by end 2021.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6855TH	Road improvement works for West Kowloon Reclamation Development (Phase 1)	Approved by F.C. Current forecast	845.800 845.800	01/15 03/15	mid 2018 Phased completion from Q3/18 to early 2021	<p>Works were about 82% completed. 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. Construction of a new elevated carriageway connecting Hoi Po Road to West Kowloon Highway northbound and a bridge from Nga Cheung Road to toll plaza of Western Harbour Crossing were in progress.</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>
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 TM-CLKL Southern Connection was commissioned in stages in October and November 2018.</p> <p>The TM-CLKL Northern Connection is anticipated to be completed in end 2020 at the earliest. Works were 92% completed. Installation of the electrical and mechanical systems inside the tunnel as well as the fitting-out and building services works inside the ancillary buildings were underway. The road surfacing works as well as installation of Traffic Control and Surveillance System 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
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 06/22	<p>Planning and design were about 97% completed. The design work continued.</p> <p>Upon finalisation of the technical schedule for the reprovisioning works of Ma Chai Hang Recreation Ground with LCSD in June 2019, MTRCL proceeded in full swing with the preparation of tender documents for employing consultants for the detailed design of the reprovisioning works and it anticipated to have the tender documents ready by end 2019 according to its original plan. However, with a view to engaging the new term Wong Tai Sin District Council which would be on board on 1 January 2020, MTRCL would conduct a series of briefing to the new term members on the reprovisioning works in Q1 2020 and therefore the tender invitation was deferred to Q2 of 2020 accordingly.</p> <p>Project completion date was revised to reflect the works progress and the latest project status.</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 Q1/22	<p>Works were about 87% completed.</p> <p>Taking into account the delay of about 11 months to the “Tai Wai to Hung Hom Section” of Shatin to Central Link arising from the archaeological works, archaeological discoveries and conservation options for archaeological features at Sung Wong Toi Station from 2012 to 2014, the commissioning date of “Tai Wai to Hung Hom Section” was deferred to end 2019. With the implementation of delay recovery measures, the target commissioning date of the “Tai Wai to Hung Hom Section”</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>could originally be advanced to mid-2019. However, due to the series of incidents related to the quality of works of the Hung Hom Station Extension, associated investigation works and proposed suitable measures, the target commissioning date of the “Tai Wai to Hung Hom Section” would be deferred to the end of 2021. To ensure the public enjoyment of the new railway as soon as possible and with regard to safety and other factors for operational feasibility, MTRCL proposed and the Government accepted to duly commission three new SCL stations, namely Hin Keng Station, Diamond Hill Station Extension and Kai Tak Station, in the first quarter of 2020. Passengers of Ma On Shan Line would be able to commute directly to the three new stations via Tai Wai Station and the entire railway from Wu Kai Sha Station to Kai Tak Station is now officially named as “Tuen Ma Line Phase 1”.</p> <p>Since October 2019, there had been multiple damages to the East Rail Line (EAL) facilities necessitating emergency inspections, maintenance and cancellation of works originally planned during non-traffic hours. The project team was thus unable to carry out the train test of new EAL signaling system as scheduled, subsequent conversion works for the 9-car trains, and track bifurcation works. As the new signaling system for EAL is a critical activity under the North South Corridor, MTRCL considered that the commissioning date for Hung Hom to Admiralty Section had to be deferred to the first quarter of 2022.</p> <p>The Sung Wong Toi Station (formerly known as To Kwa Wan Station) and To Kwa Wan Station (formerly known as Ma Tau Wai Station) were 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
						<p>At Hung Hom, tunnel structural work had been substantially completed. For the works at Hung Hom Station Extension, since MTRCL had 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 the “Final Report on Holistic Assessment Strategy for the Hung Hom Station Extension” and “Final Verification Study Report on As-constructed Conditions of the North Approach Tunnels, South Approach Tunnels & Hung Hom Stabling Sidings” to the Government on 18 July 2019. According to the final reports, MTRCL proposed suitable measures to address poor workmanship issues and to attain the requirements of the Code of Practice. MTRCL completed the design of the suitable measures in September 2019 and commenced the suitable measures in October 2019 for completion in mid-2020.</p> <p>For the cross harbour section, the E&M installation works adjacent to the railway track continued.</p> <p>For Exhibition Centre Station, construction of western approach tunnels and the Exhibition Centre Station structures was in progress.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
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 Q1/22	<p>Works were about 93% completed. All items of the Tsz Wan Shan Pedestrian Link had been completed.</p> <p>For re-provisioning of Police Officers' Club at Causeway Bay, construction of concrete structure was in progress.</p> <p>MTRCL scheduled the re-provisioning of the remaining section of the permanent footbridge at Convention Avenue connecting to Wan Chai Ferry Pier by the fourth quarter of in 2020 followed by the demolition of the associated temporary footbridge. Convention Avenue would be temporarily closed for several nights for the construction of the relevant works in due course.</p>
6863TH	Widening of western section of Lin Ma Hang Road between Ping Yuen River and Ping Che Road	Approved by F.C. Current forecast	432.300 432.300	2nd half of 2019 Q4/19	Q4/23 Q4/23	Tenders invitation for construction contract was closed in August 2019. Tender assessment was in progress.
7188GK	Government Flying Service Kai Tak Division	Approved by F.C. Current forecast	469.100 401.460	Q4/18 11/18	Q1/21 Q1/21	<p>Works commenced in November 2018.</p> <p>Works are about 36% completed. Footing and basement construction are in progress. The project estimate was adjusted downward to reflect the awarded tender prices of the works.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
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	Works commenced in phases since July 2018 and are about 39% completed. Pre-drilling works, foundation works and fabrication of bridge precast units were in progress. The project estimate was adjusted downward to reflect the tender prices of the works.
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 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>Due to unforeseen underground utilities/structures, some major construction works could not proceed as originally scheduled. Mitigation measures have been devised and implemented to cope with the delay. The project estimate was adjusted downward mainly due to lower tender prices. Works were about 10% completed.</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 and are about 43.6% completed. Amongst them, the one for building the Northern Footbridge connecting Park Central and Tiu Keng Leng Sports Centre was completed. The footbridge was opened for public use in mid-December 2019. Remaining works of the project is underway.</p> <p>Owing to additional time required for advance works for blasting, and the impact of typhoons in 2017 and 2018, the progress of works was affected.</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>The project estimate was updated to reflect the awarded tender price 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 stated in the PWSC paper.</p> <p>The original contract period was 32 months. Extension of Time of about 3 months had been granted to the Contractor due to inclement weather.</p> <p>Sewerage works and roadworks were in active progress. Works were about 66% completed.</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 Q2/2020	<p>Works were about 84% completed. Sewerage works were in progress. Liaison work and site works for Lung Ma Road and Sha Tau Kok Road were in full swing. The forecast completion is updated to Q2 of 2020 taking into account the inclement weather and unexpected underground conditions affecting the trenchless works.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
B813CL	Site formation and infrastructure works for public housing developments at Chung Nga Road and Area 9, Tai Po	Approved by F.C. Current forecast	1,146.800 1,146.800	mid 2017 08/17	late 2022 late 2022	<p>The site formation works entrusted to Hong Kong Housing Authority were about 67% completed. Bulk excavation for site formation works, construction of retaining wall and drainage works along the new public road were in progress.</p> <p>The infrastructure works carried out by CEDD were about 87% completed. Construction of box culvert, drainage pipes, sewerage pipes and water mains were in progress.</p>
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 06/19	2024 2024	Works were about 1.7% completed. Piling works were in progress.
B062RG	Sports centre, 5-a-side soccer pitch and public library facilities at Northwest Kowloon Reclamation Site 6, Sham Shui Po	Approved by F.C. Current forecast	1,564.600 1,564.600	late 2016 12/16	early 2020 Q3/20	<p>Works were about 63% completed. Superstructure construction was in progress.</p> <p>Project completion date was revised to suit the updated schedule of launching of the footbridge, which would rest on the library facilities and connect with the adjoining housing development, under another project.</p>
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 73% 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 27% completed. Piling works were completed. Substructure construction was 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	<p>Works commenced in January 2019 and were about 8% completed. The works for realignment of Hang Tai Road and geotechnical works at Sai Sha Road were in progress.</p> <p>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 work contract could only commence in January 2019 for completion by Q1 of 2022.</p>

Appendix

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

	<u>Item</u>	<u>Title</u>
1	3109ET	A school for social development for boys in Area 2B, Tuen Mun
2	3111ET	A special school for students with mild, moderate and severe intellectual disabilities in Area 108, Tung Chung
3	6720TH	Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling – Stage 2

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

	<u>Item</u>	<u>Title</u>
1	4404DS	Tuen Mun sewerage – Castle Peak Road Trunk Sewer and Tuen Mun Village Sewerage
2	7791CL	Integrated Basement for West Kowloon Cultural District – first and second stages of design, site investigation and construction works
3	3063JA	Construction of staff quarters for Correctional Services Department at Tin Wan, Aberdeen
4	6814TH	Retrofitting of noise barriers on Tuen Mun Road (Fu Tei Section)
5	3013GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – construction of boundary control point buildings and associated facilities
6	3019NB	Provision of Columbarium and Garden of Remembrance at Tsang Tsui, Tuen Mun
7	7711CL	Kai Tak development – infrastructure work for developments at the southern part of the former runway
8	7801CL	West Kowloon Reclamation – main works (remainder) – footbridge at the junction of Sham Mong Road and Tonkin Street West in Sham Shui Po

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