

Quarterly Report
on
Public Works Programme
for
April – June 2016

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. They account for about 80% of the forecast total annual expenditure on all public works projects.

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 2016, six projects were completed. These projects are no longer included in this report. In the quarter ending June 2016, another two 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
October 2016

Secretary for Development

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3013GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – construction of boundary control point buildings and associated facilities	Approved by F.C. Current forecast	8,811.900 8,811.900	early 2015 07/15	late 2018 late 2018	Works were about 23% completed. Pile cap and superstructure construction were in progress.
3117KA	Relocation of New Territories West Regional Office and Water Resources Education Centre of Water Supplies Department to Tin Shui Wai	Approved by F.C. Current forecast	823.400 823.400	mid 2015 08/15	mid 2019 mid 2019	Works were about 29% completed. Piling works were in progress.
4140CD	Reconstruction and rehabilitation of Kai Tak Nullah from Po Kong Village Road to Tung Kwong Road – remaining works	Approved by F.C. Current forecast	1,602.00 1,602.00	10/11 10/11	05/17 12/17	Works were about 71% completed. About 200m of the box culvert was completed. The temporary traffic arrangement at junction of Shatin Pass Road and Choi Hung Road including the relocation of bus stops and shifting of Choi Hung Road northbound to the temporary vehicular bridge above the nullah was implemented in May 2016 for construction of box culvert north to Shatin Pass Road. The watermain diversion works, piling works and construction of box culvert were in progress. The change of project completion date is mainly due to unforeseen underground utilities and associated utility and traffic diversion schemes, hindering the progress of box culvert construction works. The completion date of the project is postponed to end 2017, while the major drainage improvement

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
4160CD	Happy Valley underground stormwater storage scheme	Approved by F.C. Current forecast	1,065.800 1,065.800	09/11 09/11	02/18 12/17	works are scheduled for completion prior to the wet season of 2017. Works were about 78% completed with phase 1 commissioned in end March 2015. Phase 2 commenced in August 2015 whilst excavation, reinforced concrete and drainage works were in good progress.
4169CD	Reconstruction and rehabilitation of Kai Tak Nullah from Tung Kwong Road to Prince Edward Road East—main works	Approved by F.C. Current forecast	1,244.300 907.881	12/13 12/13	12/17 12/17	Works were about 62% completed. River deepening works, construction of river wall, and access ramp, artificial rock installation works, trial planting and improvement and beautification works at Morse Park (Park No.1) were in progress.
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works—site formation and infrastructure works	Approved by F.C. Approved by F.C. (Increase in APE) Current forecast	16,253.200 24,973.100 24,973.100	12/12 04/13 04/13	06/18 12/18 12/18	We could not secure the F.C.'s approval to increase the Approved Project Estimate (APE) in the 2013/14 LegCo sessions as we originally envisaged. The award of a major remaining contract under the project was therefore withheld. After the F.C. approved the increase in the APE on 5 June 2015, we had immediately awarded this time critical contract on 12 June 2015. The works for the cross boundary bridges commenced on 11 December 2015 and the remaining works on traffic control and surveillance system are anticipated to commence on 27 April 2016. The Boundary Control Point (BCP) site formation works under Contract 5 have already been completed while the works for the BCP connecting road from Fanling Highway to the BCP under

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
5047CG	Greening master plans for the New Territories Southeast and Northwest - priority greening works	Approved by F.C. Current forecast	350.000 350.000	10/14 12/14	10/17 12/17	<p>Contracts 2, 3 and 6 are in full swing. The progress of all the works has generally been satisfactory though that for Contract 2 and Contract 6 required close monitoring. We would strive to complete the project by end 2018 as far as possible.</p> <p>The change of the project start/completion dates is due to the actual F.C. approval date being two months later than that originally planned. Site planting works commenced in mid 2015. Works were about 39% completed.</p>
5729CL	Disposal of Contaminated Sediment – Dredging, Management and Capping of Sediment Disposal Facility at Sha Chau	Approved by F.C. Current forecast	770.900 452.680	06/09 06/09	07/16 12/26	<p>The sediment disposal facility to the East of Sha Chau (ESC) comprises 4 contaminated mud pits (CMPs). The 1st CMP was exhausted in late August 2013. The disposal of contaminated sediment was then switched to a time-limited disposal facility to the South of the Brothers (SB), which comprises two CMPs and is under Project No. 5737CL. Following the depletion of the disposal facility to the SB on 22 March 2016, the 2nd pit to the ESC has been put into operation at the same time. It is anticipated that the remaining disposal facility to the ESC will be exhausted by 2024 and the subsequent capping will be completed by 2026.</p> <p>The project estimate was lower than the F.C.'s approved project estimate because of lower tender prices of the works contract, and the sampling and testing contracts.</p> <p>The original completion date of July 2016 for the ESC facility was set in 2009 without the knowledge of the time-limited facility to the SB.</p>

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
5737CL	Dredging, management and capping of contaminated sediment disposal facility to the south of The Brothers	Approved by F.C. Current forecast	617.700 468.550	08/12 08/12	12/16 12/16	<p>The sediment disposal facility to the South of The Brothers comprises 2 contaminated mud pits (CMPs). The 1st pit commenced operation in late August 2013. Following the depletion of the 1st CMP, the 2nd CMP was put into operation in November 2014 and was exhausted on 22 March 2016. The capping works to the 2nd CMP would be completed by end 2016.</p> <p>The project estimate was revised due to the lower tender price of the dredging works and testing contracts.</p>
7167CD	Kai Tak development – reconstruction and upgrading of Kai Tak Nullah	Approved by F.C. Current forecast	2,488.200 2,438.200	01/13 01/13	04/18 04/18	Works commenced on 31 January 2013. Works were about 58% completed.
7259RS	Cycle tracks connecting North West New Territories with North East New Territories – Tuen Mun to Sheung Shui section (Remaining)	Approved by F.C. Current forecast	890.900 890.900	mid 2016 06/16	early 2020 03/20	Works commenced on 30 June 2016.
7279RS	Cycle tracks connecting North West New Territories with North East New Territories – Tuen Mun to Sheung Shui (Stage 1)	Approved by F.C. Current forecast	295.400 295.400	09/13 11/13	2016 12/16	Works commenced on 29 November 2013. Construction of hubs, new cycle tracks and existing cycle track improvement works was in progress. Works were about 91% completed and on schedule.

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 06/21	<p>The construction works were about 65.4% completed as at end June 2016. Three on-going contracts were in progress and the contract for Central-Wan Chai Bypass over MTR Tsuen Wan Line was substantially completed in July 2013. CEDD continued close monitoring of the planning and developments of the Wan Chai areas with a view to determining how and when the remaining two works contracts for at-grade roads and pedestrian connections would be implemented.</p> <p>The road works necessary for enabling the commissioning of the Central - Wan Chai Bypass could be completed on time in 2017. The entire project was expected to be completed in June 2021 as part of the road works were entrusted to the Highways Department for construction under the Shatin to Central Link project. Relevant road works could only be completed after the railways works at the sites are completed.</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 5,757.100	Q4/15 11/15	2019 12/19	Works commenced in November 2015 and were about 11% completed.
7731CL	Infrastructure works for housing sites adjacent to Lung Ping Road at Tai Wo Ping, Shek Kip Mei	Approved by F.C. Current forecast	781.400 781.400	06/13 07/13	12/16 12/16	Works commenced on 31 July 2013 as more time was taken for tender assessment. Works were about 85% 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
7744CL	Formation, roads and drains in Area 54, Tuen Mun – phase 2 stage 1 works	Approved by F.C. Current forecast	325.200 325.200	10/11 09/11	04/15 09/16	<p>Works were about 98% completed, with the formed land handed over to Housing Department by phases in May 2013 and October 2013 for housing development as scheduled.</p> <p>Construction of the remaining road works, drainage works, waterworks, noise barriers, noise enclosure and footbridge was in progress.</p> <p>The project completion date was revised to reflect the following:</p> <ul style="list-style-type: none"> (i) Part of the works under the contract was affected by the need of diversion of medium to large diameter watermain along Tsing Lun Road; (ii) Congested site area for maneuvering of plant which hindered the progress of piling works; and (iii) In accommodating TMLG's views on minimizing disruption to Tsing Lun Road traffic, part of construction works for the noise enclosure at Tsing Lun Road have to be carried out in restricted hours at night, with the works areas reduced, leading to longer construction time. The work progress was also delayed by the exceptionally frequent adverse weather in recent months, resulting in knock on effect on the installation of noise enclosure superstructure works.
7756CL	Ma On Shan development – roads, drainage and sewerage works at Whitehead and Lok Wo Sha, phase 2	Approved by F.C. Current forecast	252.800 252.800	06/15 07/15	12/17 01/18	<p>Project start date has slipped by a month due to extra time taken in assessment of tenders received. The target completion is deferred by a month accordingly.</p> <p>Works commenced on 24 July 2015. Construction of footbridge substructures, sewerage pumping station and retaining wall for widening of Yiu Sha Road was in progress and on schedule.</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
7761CL	Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport	Approved by F.C. Current forecast	2,255.300 2,255.300	07/13 07/13	06/17 06/17	Progress is generally satisfactory and the works were about 32% completed. Works commenced on 15 July 2013 and were about 66% completed.
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 15% completed.
7789CL	Formation, roads and drains in Area 54, Tuen Mun – phase 2 stages 3 and 4A works	Approved by F.C. Current forecast	553.100 553.100	2015 11/15	2019 11/19	Works commenced in November 2015 and were about 15% completed.
7799CL	Tung Chung New Town Extension – detailed design and site investigation	Approved by F.C. Current forecast	729.500 729.500	mid 2016 06/16	2021 2021	Consultancy Agreement for the detailed design for Tung Chung East commenced on 16 June 2016.
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 06/17	Design and Build type of contract was originally used for the mainlaying works. However, as no valid tenders were received,

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
						<p>the exercise had to be cancelled. With Central Tender Board's approval, the conventional in-house design and site supervision approach was adopted for the re-tender. Contract of mainlaying works (Contract No. 9/WSD/11) was awarded in January 2012 and the original completion date was in January 2016. Due to the inclement weather, Occupy Central Movement and site difficulties encountered for mainlaying in urban area such as congested utilities, stringent requirements on road opening hours and environmental permit, as well as hard rock excavation encountered in most of the mainlaying works fronts at Kennedy Road, the progress was affected. It is expected that the completion of the contract will be deferred to June 2017. Mainlaying works were in progress and were about 65% completed.</p> <p>Construction works for the Bowen Drive salt water pumping station, Magazine Gap Road salt water service reservoir and associated works were substantially completed in October 2013.</p> <p>The mechanical and electrical works for the Bowen Drive salt water pumping station, Bowen Drive salt water service reservoir and Magazine Gap Road salt water service reservoir were substantially completed in July 2014.</p> <p>Contract No. 14/WSD/14 – Remaining mainlaying works commenced in May 2015 and is scheduled to be completed by February 2017. Mainlaying works at Bowen Road and at staircase between MacDonnell Road and Bowen Road were in progress. The mainlaying works at MacDonnell Road was commenced in end May 2016.</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
9334WF	Expansion of Tai Po water treatment works and ancillary raw water and fresh water transfer facilities – part 2 works	Approved by F.C. Current forecast	6,176.700 6,102.780	02/13 02/13	05/17 05/18	<p>Part 2 works were to be delivered under two separate contracts, a civil contract no. 4/WSD/11 and a design and build contract no. 15/WSD/10.</p> <p>For Contract No. 4/WSD/11, works were about 90% completed. For expansion of the Butterfly Valley fresh water primary service reservoir, structural works of the two reservoir compartments were substantially completed. Water tightness test for the service reservoir was being arranged. Mainlaying works were 69% completed.</p> <p>For Contract No. 15/WSD/10, works were about 57% completed. Superstructure constructions of the three major buildings (i.e. the Dissolved Air Floatation II Building (DAFII), the Primary Biological Filter II Building (PBFII) and the Secondary Rapid Gravity Filter II Building (SRGFII)) were in progress. For the Ozone Generation Building (OGB), the superstructure was substantially completed. According to the current progress, it was anticipated that the completion of the project would be in May 2018 due to inclement weather and other events, such as unforeseen geotechnical conditions.</p>
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 02/19	<p>The construction of temporary steel bridge at South Gate had been completed allowing the construction vehicles to access the site via the South Gate. The site formation works for Logistics Centre was about 37% completed. The construction of northern access road had commenced.</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
3107ET	A school for social development for girls at Choi Hing Road, Kwun Tong, Kowloon	Approved by F.C. Current forecast	373.700 373.700	06/15 04/15	08/17 08/17	Works were about 28% completed. Superstructure construction up to 5/F was in progress.
3108ET	Two special schools at Sung On Street, To Kwa Wan	Approved by F.C. Current forecast	484.000 484.000	06/15 06/15	09/17 09/17	Works were about 27% completed. Superstructure and underground drainage construction were in progress.
3110ET	A 12-classroom special school for children with mild intellectual disability near Hoi Lai Estate, Sham Shui Po	Approved by F.C. Current forecast	256.600 256.600	01/16 03/16	04/18 06/18	Works were about 4% completed. Piling works were in progress.
3351EP	Two 24-classroom primary schools at ex-Tanner Road Police Married Quarters site at Pak Fuk Road, North Point, Hong Kong	Approved F.C. Current forecast	660.000 660.000	12/15 03/16	02/18 05/18	Works were about 4% completed. Footing excavation was in progress.
3354EP	A 36-classroom primary school in Area 36, Fanling	Approved by F.C. Current forecast	417.200 417.200	06/15 06/15	05/17 05/17	Works were about 28% completed. Superstructure, road widening and underground drainage construction 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
4332DS	Lam Tsuen Valley sewerage, stage 2	Approved by F.C. Current forecast	588.300 588.300	11/12 10/12	12/16 12/16	The project was about 97% completed. Sewer laying works and construction of sewage pumping stations were in progress. Part of the completed sewers have been handed over to EPD for public connection. The civil works of the proposed sewage pumping stations were substantially completed and were handed over to the E&M contractor for E&M installations.
4397DS	Outlying Islands sewerage, stage 2—Lamma village sewerage phase 2	Approved by F.C. Current forecast	340.200 340.200	12/13 12/13	07/18 07/18	Works were about 37% completed. The village sewerage works at Tai Peng Village, Ko Long, O Tsai, Sha Po Old Village, Po Wah Yuen, Yung Shue Long New Village and Yung Shue Long Old Village were in progress. Construction of mass concrete footing for the O Tsai sewage pumping station foundation construction was in progress.
4351DS	Harbour Area Treatment Scheme (HATS) Stage 2A – planning and design of the upgrading works of Stonecutters Island sewage treatment works and the preliminary treatment works	Approved by F.C. Current forecast	105.600 105.600	07/07 08/07	08/10 06/16	The planning and design tasks were completed. The completion date of this consultancy was revised to suit the programme of the last contract of HATS 2A project (including demolition of disused facilities after the testing and commissioning for main works of the project) funded under 4341DS.
4367DS	Upgrading of Central and East Kowloon sewerage – phase 1	Approved by F.C. Current forecast	304.700 304.700	01/09 01/09	06/12 12/16	Works Contract DC/2008/08 under 4367DS was completed in July 2012 and its account was finalized in December 2014. Part of the sewerage upgrading works along existing Kai Tak Nullah was entrusted for implementation together with the nullah decking/beautification project for completion by end 2016.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
4371DS	Sewerage in western Tuen Mun	Approved by F.C. Current forecast	1,340.000 1,237.663	12/09 12/09	06/14 12/15	<p>Works were about 99.9% completed. Minor outstanding and defect rectification works at WISSPS were in progress. The installation of manhole identification tags was in progress.</p> <p>The overall completion date of the project was delayed by 18 months because of the extra time taken for resolving interface issues with projects of other departments which necessitated a change in design for the works at Lung Mun Road (part of the trunk sewer originally planned to construct under DC/2009/11 was arranged for construction under DC/2010/01).</p> <p>The change in project estimate is owing to lower values of the civil works packages and project risk reduction after the award of all the contract packages such that part of the project contingency could be released in the latest forecast.</p>
4373DS	Lam Tsuen Valley sewerage, stage 1	Approved by F.C. Current forecast	274.400 274.400	11/11 10/11	08/15 05/16	<p>The works were substantially completed in end May 2016.</p> <p>The overall completion date of the project was delayed by 9 months, due mainly to delay of commissioning of downstream sewage pumping station, interface problem and some works requiring demolition of septic tanks.</p>
4375DS	Sewerage in Ping Kong, Fu Tei Pai and Tai Wo	Approved by F.C. Current forecast	226.800 226.800	12/11 11/11	11/15 09/17	<p>Works were about 92% completed. The construction of the sewage pumping station in Ping Kong and Tai Wo were completed. The sewer laying works in Ping Kong were further delayed due to obstruction by some villagers. The overall delay would be critically reviewed and assessed.</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
4378DS	North District sewerage, stage 2 part 2A – Pak Hok Lam trunk sewer and Sha Tau Kok village sewerage	Approved by F.C. Current forecast	272.100 272.100	10/11 01/12	12/15 08/16	<p>Works were about 94% completed. Civil works of the sewage pumping station was substantially completed. Trunk sewer construction on Sha Tau Kok Road and village sewerage were in progress.</p> <p>Some advance ground investigation works commenced by our term contractor in January 2012. The main contract commenced in June 2012 due to the retender of civil works contract (DC/2012/09) on 30 March 2012. As a result of the delay in the commencement of the main contract, the overall completion date of the project was delayed by 8 months.</p>
4382DS	Sewerage at Clear Water Bay Road, Pik Shui Sun Tsuen and west of Sai Kung town	Approved by F.C. Current forecast	359.000 359.000	01/13 01/13	01/17 01/17	Works were about 54% completed. Sewerage works at Pak Kong, Tai Shui Tseng, Sha Kok Mei, Kap Pin Long, University Road, Clear Water Bay Road and the area in vicinity of Fei Ngo Shan Road were in progress.
4386DS	Village sewerage in Kau Lung Hang San Wai, Kau Lung Hang Lo Wai and Tai Hang, and southern trunk sewer between Wai Tau Tsuen and Nam Wa Po	Approved by F.C. Current forecast	316.800 316.800	06/12 06/12	12/16 09/17	Works were about 83% completed. Sewer laying works were in progress. The sewage pumping station in Kau Lung Hang Lo Wai had been handed over to the E&M contractor for installation of E&M equipment.
4395DS	Tolo Harbour sewerage of unsewered areas, stage 2 phase 1	Approved by F.C. Current forecast	364.700 364.700	07/13 07/13	09/17 09/17	Works were about 84% completed. Sewer laying works were in progress and on schedule.

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
4396DS	Sewerage in Nam Wa Po and Wai Tau Tsuen	Approved by F.C. Current forecast	319.100 319.100	07/13 07/13	09/17 09/17	Works were about 60% completed. Sewer laying works in Nam Wa Po and Wai Tau were in progress. The sewage pumping station in Nam Wa Po had been handed over to the E&M contractor for installation of E&M equipment.
4404DS	Tuen Mun sewerage – Castle Peak Road Trunk Sewer and Tuen Mun Village Sewerage	Approved by F.C. Current forecast	722.500 722.500	03/15 07/15	04/19 08/19	Works were about 6% completed. Sewer laying works in Siu Lam area, Kei Lun Wai, Yeung Siu Hang, Lam Tei, Fu Tei Ha Tsuen and construction of Lok Chui Street Sewage Pumping Station, Siu Lam Psychiatric Centre Sewage Pumping Station and Fu Tei Ha Tsuen sewage pumping station were in progress.
4411DS	Upgrading of San Wai sewage treatment works – phase 1	Approved by F.C. Current forecast	2,572.300 2,572.300	Q1/16 Q2/16	Q3/20 Q4/20	Project upgraded to Cat. A in April 2016. Works contract commenced on 27 May 2016. Design works and land resumption for construction of STW were in progress.
5045CG	District Cooling System at the Kai Tak Development	Approved by F.C. Current forecast	3,905.700 [Phases I, II, III (Package A, Package B and Package C)] 4,945.500 (total project estimate, including Phase III (remaining))	04/10 02/11	12/22 12/22	The District Cooling System (DCS) Phase I and Phase II works was completed. The pipe laying works and electrical and mechanical installation of the DCS Phase III (Package A) were about 93% and 94.1% completed. The pipe laying works and electrical and mechanical installation of the DCS Phase III (Package B) were 11.5% and 7.6% completed. The DCS Phase III (Package C) contract was under tendering.

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 late 2016	mid 2030 late 2030	Pre-qualification result was announced on 8 April 2016. District Lands Office/North is preparing submissions to the Executive Council on land resumption and grave clearance. Negotiation with the existing Northeast New Territories (NENT) Landfill contractor on contract interface issues is underway with the support of the contract procurement consultancy, with a view to reaching an agreement before tender invitation. We are also keeping in view the waste intake at NENT Landfill following the diversion of non-construction waste from Southeast New Territories Landfill, in pursuing the NENT landfill extension project programme.
5164DR	Southeast New Territories Landfill Extension	Approved by F.C. Current forecast	2,101.600 2,101.600	late 2015 mid-late 2016	2025 2026	The design, construction and contract procurement consultancy commenced in May 2015. Contractual and engineering arrangements for the project are being finalized with the support of the consultancy. Government land allocation and site handing over are being arranged with District Lands Office/Sai Kung and the Civil Engineering and Development Department respectively.
5172DR	Organic waste treatment facilities phase 1	Approved by F.C. Current forecast	1,589.200 1,589.200	01/15 12/14	mid 2017 mid 2017	The Contractor is now carrying out the detailed design and the construction works commenced in May 2015.
5180DR	Development of waste electrical and electronic equipment treatment and recycling facility	Approved by F.C. Current forecast	548.600 548.600	early 2015 early 2015	early 2017 mid 2017	The design-build-operate contract was awarded on 31 March 2015. Construction of temporary site office was completed. Detailed design and construction works were in progress. The project was originally expected to start in January 2015 with

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
5233DS	Sludge Treatment Facilities	Approved by F.C. Current forecast	5,364.300 5,364.300	02/10 10/10	12/16 09/16	<p>funding support in Q4 of 2014. Due to unexpected long discussion time in F.C., funding approval was obtained in February 2015. Therefore, the project completion date has been revised to mid 2017.</p> <p>Design and construction of the Sludge Treatment Facilities (STF) commenced in October 2010. Construction of phase 1 of the works (i.e. three incineration trains with capacity of 1,600 tonnes per day) was substantially completed.</p> <p>The STF commenced phase I operation in April 2015.</p> <p>Testing and commissioning of the last incineration train for phase 2 of the works was finished in August 2015. Phase 2 operation (with total capacity of 2,000 tonnes per day) has commenced since April 2016. Outstanding works and tests are in progress with completion date anticipated to be in Q3 of 2016.</p>
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 06/19	<p>The contract was awarded on 17 December 2015 and works commenced on 28 December 2015. The works were about 10% completed by end of Q2 of 2016.</p>
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	<p>The contract was awarded on 15 June 2016 and works commenced on 28 June 2016.</p>

Secretary for
Financial Services and the Treasury

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
3074KA	Construction of West Kowloon Government Offices	Approved by F.C. Current forecast	4,742.500 4,742.500	2 nd half of 2015 07/15	early 2019 early 2019	Works were about 12% completed. Foundation construction and sheet 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
3019NB	Provision of Columbarium and Garden of Remembrance at Tsang Tsui, Tuen Mun	Approved by F.C. Current forecast	2,874.300 2,874.300	Q1/16 07/16	mid 2019 mid 2019	Tender was awarded on 24 June 2016 and contract would commence in July 2016.
3089MM	Redevelopment of Kwai Chung Hospital – phase 1	Approved by F.C. Current forecast	750.800 750.800	mid 2016 06/16	mid 2018 mid 2018	Contract commenced on 6 June 2016. Site preparation works were in progress.
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	Works were about 18% completed. Piling works 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
3049RG	Public library and indoor recreation centre in Area 3, Yuen Long	Approved by F.C. Current forecast	704.100 704.100	07/10 07/10	06/13 08/16	Works were about 80% completed. Superstructure construction was in progress. Project completion date was revised to August 2016 due to unforeseen condition for cable laying and drainage connection works as well as inclement weather.
3056RG	Government Complex in Area 14 (Siu Lun), Tuen Mun	Approved by F.C. Current forecast	1,250.700 1,250.700	05/15 08/15	11/18 02/19	Works were about 10% completed. Pile cap construction was in progress.
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 8% completed. Piling works were in progress.
3066RE	Expansion and Renovation of the Hong Kong Museum of Art	Approved by F.C. Current forecast	934.400 934.400	Q1/16 12/15	Q1/19 Q1/19	Works were about 10% completed. External demolition works and removal of internal fixtures were in progress.
3269RS	Sports Centre in Area 4, Tsing Yi	Approved by F.C. Current forecast	774.800 774.800	11/13 11/13	01/17 01/17	Works were about 76% completed. Building services and finishing works were in progress.
3273RS	Sports Centre in Area 24D, Sha Tin	Approved by F.C. Current forecast	639.700 639.700	05/15 12/15	06/18 01/19	Works were about 6% completed. Piling 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
7790CL	Infrastructure Works for West Kowloon Cultural District, phase 1	Approved by F.C. Current forecast	840.500 840.500	Q4/15 07/15	Q4/18 Q4/18	Works commenced in July 2015 and were about 16% completed.
7791CL	Integrated Basement for West Kowloon Cultural District	Approved by F.C. Current forecast	2,919.500 2,919.500	Q4/15 09/15	Q1/19 Q1/19	Works commenced in September 2015 and were about 17% completed.

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
3012GB	Construction of a secondary boundary fence and new sections of primary boundary fence and boundary patrol road—phase 2	Approved by F.C. Current forecast	285.000 285.000	Q1/12 02/12	Q3/15 Q4/16	<p>Works for Section 3B, which were entrusted to DSD, were substantially completed in February 2015. The site was handed over to HKPF.</p> <p>Works for Section 3A & 3C by ArchSD were substantially completed in March 2015. The site was handed over to HKPF.</p> <p>Completion date was revised as the programme of the demolition works for existing police posts/warning signs was revised to suit the opening of 3rd Frontier Closed Area on 4 January 2016. Demolition works commenced in late April 2016 for completion in late 2016 and were about 5% completed.</p>
3065JA	Construction of Rank and File Quarters for Customs and Excise Department at Yau Yue Wan Village	Approved by F.C. Current forecast	604.800 604.800	06/15 06/15	01/18 01/18	Works were about 25% completed. Pile cap construction was in progress.
3066JA	Construction of staff quarters for Immigration Department at Heng Lam Street, Kowloon	Approved by F.C. Current forecast	391.000 391.000	late 2015 01/16	Q2/18 Q2/18	Works were about 8% completed. Piling works were in progress.
3069JA	Redevelopment of Kwun Tong staff quarters at Tseung Kwan O Road, Kowloon	Approved by F.C. Current forecast	1,511.300 1,511.300	Q3/15 08/15	mid 2019 mid 2019	Works were about 12% completed. Footing excavation 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
3076LC	Redevelopment of Tai Lam Centre for Women	Approved by F.C. Current forecast	946.600 946.600	08/12 08/12	11/16 11/16	Overall works were about 85% completed. Phase 1 works were handed over to CSD. Phase 2 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
B566CL	Development at Anderson Road	Approved by F.C. Current forecast	3,467.200 3,427.020	01/08 01/08	12/14 12/16	<p>As at end June 2016, the works were about 98.5% completed. All building platforms for public housing development were handed over to the Housing Department (HD) before late 2013 and waterworks were completed in September 2015. The access roads to the development were opened to the public on 11 January 2016, followed by the opening of two footbridges on 16 June 2016. Other infrastructure works essential for the first phase of housing development were also completed to match with the start of population intake on 17 June 2016. Remaining slope works, roadworks, footbridge works and drain laying are in progress for the subsequent phases of the housing development.</p> <p>The project estimate had been updated to reflect the net effect of lower tender price, the latest price fluctuations, larger than expected quantity of rock excavation, the enhancement of footbridges in response to the request by DC members and the public, and other variations to cater for the actual site circumstances. The current estimate remains within the Approved Project Estimate.</p> <p>The forecast project completion date was revised to August 2016 to cater for larger than expected quantity of rock excavation, inclement weather, the enhancement of the footbridge system, including extension/addition of footbridges in response to request by the District Councilors and the public, and the highly constrained works areas for construction of the enhanced footbridges FB-A and FB-D. The latest forecast project completion date was further revised to December 2016 to cater for additional requirements on footbridges, roads and the current progress of works. The revised schedule can</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
B197SC	Reprovisioning of Pak Tin Community Hall and special child care centre-cum-early education and training centre in Pak Tin Estate redevelopment site, and construction of footbridge link at Nam Cheong Street, Sham Shui Po	Approved by F.C. Current forecast	318.300 318.300	06/15 10/15	06/18 10/18	match with the subsequent phases of the housing development and population intake. Works were about 12% completed. Foundation construction was in progress.
B081TI	Public Transport Interchange and Associated Works at Kiu Cheong Road East, Ping Shan	Approved by F.C. Current forecast	602.200 602.200	late 2015 11/15	early 2018 03/18	Works commenced in November 2015. Layby construction work at Ping Ha Road has been completed. Foundation works for the Public Transport Interchange cover was underway.
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 06/17	The construction contract commenced on 30 August 2013. The dredging works for Kwai Tsing Container Basin and its approach channel were substantially completed in April 2016. The completion date was revised due to the working window for unforeseen rock excavation works at the seabed outside a vessel berth could only be agreed with the terminal operator in August 2016.

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
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 12/16 (Subject to review)	<p>Planning and design were about 97% completed. The design work continued.</p> <p>It took longer-than-expected time to finalise the entrustment agreement, resulting in deferral of the works start date. For the completion dates, having started the design works and extensive local consultation work in end 2008, the design programme has been under regular review taking into account the suggestions and requests raised by stakeholders and the interface with other infrastructure projects. As some of the design works was still under public consultation, the design works would be completed in phases. The entire completion date is subject to review.</p>
6052TR	Hong Kong Section of Guangzhou- Shenzhen -Hong Kong Express Rail Link - Design and Site Investigation	Approved by F.C. Current forecast	2,782.600 2,782.600	06/08 07/08	09/10 Q3/18	<p>Planning and design were substantially completed. Consultants funded under this project vote are also required to prepare and submit all the as-built drawings. As the construction works are now target for completion in Q3/2018, the end date is revised accordingly.</p>
6053TR	Hong Kong Section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of railway works	Approved by F.C. Current forecast	70,405.000 70,405.000	12/09 01/10	12/15 Q3/18	<p>On 11 March 2016, the F.C. approved the increase in Approved Project Estimate (APE) of railway works by \$15,387.5 million to \$70,405 million, and non-railway works by \$4,215 million to \$16,015 million in MOD prices. As at end June 2016, works were about 74% completed based on the revised APE. Civil, electrical and mechanical works at West Kowloon Terminus, tunnels, ventilation buildings, Shek Kong Stabling Sidings and Emergency Rescue Siding 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
6056TR	South Island Line (East) – essential public infrastructure works	Approved by F.C. Current forecast	927.000 927.000 (Subject to review)	05/11 05/11	07/15 07/16 (Subject to review)	Works were about 87% completed and were delayed due to substantial uncharted utilities encountered which were in conflict with the permanent works and the electrical power connection works were more complicated than expected. Works were in progress, including widening of Heung Yip Road and associated improvement works, construction of public transport facilities underneath Wong Chuk Hang Station, road improvement works at Tong Bin Lane and pedestrian link between Nam Long Shan Road and Kwun Hoi Path.
6057TR	Hong Kong section of Guangzhou - Shenzhen - Hong Kong Express Rail Link - construction of non-railway works	Approved by F.C. Current forecast	16,015.000 16,015.000	12/09 01/10	12/15 Q3/18	On 11 March 2016, the F.C. approved the increase in Approved Project Estimate (APE) of railway works by \$15,387.5 million to \$70,405 million, and non-railway works by \$4,215 million to \$16,015 million in MOD prices. As at end June 2016, works were about 67% completed based on the revised APE. Construction of enabling works, essential public works and reprovisioning, remedial and improvement works were in progress.
6060TR	Kwun Tong Line Extension – essential public infrastructure works	Approved by F.C. Current forecast	826.900 698.950	06/11 06/11	04/15 Q3 or Q4/16	Works were about 80% completed. The section of footbridges and covered walkway linking Sheung Lok Road and Oi Man Estate was open to public in December 2015. Remaining essential public infrastructure works were in progress including road reinstatement, building services, electrical and mechanical works and finishing works at subways, public transport facilities at Chung Hau Street and footbridge crossing Chatham Road North. The delay in the construction of Ho Man Tin Station has

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>affected the progress of part of the Essential Public Infrastructure Works connecting to Ho Man Tin Station, including the two pedestrian subways for crossing Fat Kwong Street and Chung Hau Street, part of the footbridge crossing Chatham Road North, as well as the public transport facilities at Chung Hau Street in the vicinity of Ho Man Tin Station. Moreover, programme of the excavation of the above subways was affected by the unforeseen ground condition.</p> <p>Works were about 49% completed.</p> <p>It was estimated that the Tai Wai to Hung Hom Section of the Shatin to Central Link may have a delay of at least 11 months arising from the archaeological and conservation works at To Kwa Wan Station. The current target is to commissioning the Tai Wai to Hung Hom Section in 2019 as far as possible.</p> <p>For the Hung Hom to Admiralty Section, the commissioning date will be deferred to 2021 to allow flexibility for the topside development of the convention centre at Exhibition Station, and to cater for the impact of site handover arrangement of the Wan Chai Development Phase II project.</p> <p>All major civil works for Hin Keng Station had been completed. Building services and architectural builders works and finishes for Hin Keng Station were in progress. Excavation of Lion Rock Tunnel by drill and blast method had been completed. Excavation works at Diamond Hill site were completed and the station structure construction except the TBM launching shaft was completed. The Diamond Hill to</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>Kai Tak Tunnels were substantially completed. Construction of down track TBM tunnel between Diamond Hill and Ma Chai Hang was completed. The structural works for To Kwa Wan Station and TBM excavation from To Kwa Wan towards Ho Man Tin were in progress. The concourse slab and upper track slab of Ma Tau Wai Station were completed. Further excavation down to the lower track slab continued.</p> <p>At Hung Hom, temporary traffic management scheme at Chatham Road North was being implemented for excavation and tunneling works. Underpinning works and tunnel construction under the podium at Hung Hom Station and modification works at Hung Hom Station were in progress.</p> <p>Construction of immersed tube tunnel for the cross harbour tunnels was underway.</p> <p>For Exhibition Station, piling works and construction of diaphragm walls at different site areas of Wan Chai North continued. To make room for Exhibition Station construction, the two westbound lanes of Convention Avenue was diverted southward on 8 May 2016, and the temporary footbridge across Convention Avenue was completed and was opened to the public on 15 June 2016.</p> <p>The tunnel boring machine drive for the construction of the up-track tunnel from Police Officers' Club to Exhibition Station was in progress. Bulk excavation of the launching shaft for the western tunnels was underway.</p>

Project No.	Project Title		Project Estimate (\$M)	Project Start Date	Project Completion Date	Notes on Progress of Project and variance in project estimate, start date and completion date
6062TR	Shatin to Central Link – construction of non-railway works – remaining works	Approved by F.C. Current forecast	5,983.100 5,983.100 (Subject to review)	mid 2012 07/12	12/20 2021	<p>Works were about 62% completed. Due to various construction difficulties encountered for the railway works under 6061TR, the construction progress was lagging behind the target programme.</p> <p>For Tsz Wan Shan Pedestrian Links, temporary traffic management schemes were being implemented for the construction of lift towers and footbridges. The lift at Tsz Lok Estate was opened for public use on 29 October 2015. The footbridge across Yuk Wah Street near Tsz Wan Shan Road was opened on 27 November 2015. The covered walkway at southern footpath of Fung Tak Road and lifts at Tsz Hong Estate and Tsz Man Estate were opened for public use on 11 January 2016 and 25 January 2016 respectively. The covered walkway at Po Kong Village Road was opened for public use in February 2016.</p> <p>Re-provisioning of Harbour Road Sports Centre was underway.</p>
6063TR	Shatin to Central Link – construction of railway works – advance works	Approved by F.C. Current forecast	6,254.900 6,254.900 (Subject to review)	12/11 12/11	12/15 12/16	<p>Works were about 88% completed. In the process of excavation at Admiralty Station, it is found that the quality of the rock is harder than that estimated in the investigation reports and makes excavation more difficult. In order to further reduce the risk of affecting the operation of the Island Line by the underpinning works, more reinforcing works and temporary supporting works have to be carried out as compared to the original plan. MTRCL anticipates that there would be a delay of 12 months.</p> <p>The structure of Ho Man Tin Station was completed. Building</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
6064TR	Shatin to Central Link – construction of non-railway works – advance works	Approved by F.C. Current forecast	1,448.200 1,448.200	12/11 12/11	12/15 12/16 (Subject to review)	<p>services, electrical and mechanical works and architectural builders works and finishes at Ho Man Tin Station were in progress. At Admiralty Station, cut-and-cover excavation for the Admiralty Station extension was completed and the construction of the station structure, fitting-out and electrical and mechanical works (E&M) were in progress. Excavation for the platform tunnels of SCL was completed. Construction of the cavern structure had been completed and fitting-out and E&M works were well advanced, while construction of the SCL tunnel structures was in progress. At Hong Kong Park Ventilation Building, structural works had been completed with fitting-out and E&M works were in progress.</p> <p>Works were about 68% completed. Some of the reprovisioning works have to be carried out upon completion of railway works at Admiralty Station under 6063TR. The late completion of railway works would have a delay of 12 months for non-railway works.</p> <p>The new Mail Centre had been completed and handed over to Hongkong Post for operation in July 2013. For the reprovisioning works of Harcourt Garden, a covered walkway at the landscaped deck level connecting to CITIC Tower Footbridge near Rodney Street will be completed and opened to the public upon the opening of South Island Line (East). For the reprovisioning works of LCSD facilities at Hong Kong Park, structural works were in progress.</p>
6076TI	Bus-Bus Interchanges on	Approved by F.C.	205.300	04/10	12/14	The Kowloon bound and Tuen Mun bound of Bus-Bus

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
	Tuen Mun Road	Current forecast	205.300	07/10	early 2017	Interchange (BBI) were opened to the public on 26 December 2012 and 27 July 2013 respectively. The works for the Tuen Mun bound and Kowloon bound toilets by ArchSD commenced on 6 August 2015 and 11 April 2016 respectively. The progress of works had recently been affected by inclement weather. It was anticipated that the works for both toilets would be completed by early 2017.
6167TB	Provision of barrier-free access facilities at public footbridges, elevated walkways and subways—design works and phase 1 construction works	Approved by F.C. Current forecast	292.100 292.100	08/11 08/11	12/15 01/16 (Construction) 2017 (Design)	<p>Project No. 6167TB covers phase 1 construction works for 10 structures and design works for technically feasible structures which currently consist of 140 items.</p> <p>Phase 1 construction works commenced in stages from December 2011 for progressive completion from 2014 to January 2016 with the lifts at the last structure NF109 substantially completed on 8 January 2016.</p> <p>The design works commenced in stages from August 2011 for progressive completion from 2013 to 2017.</p> <p>The design works were about 89.7% completed.</p>
6579TH	Central-Wan Chai Bypass & Island Eastern Corridor Link	Approved by F.C. Current forecast	36,038.900 36,038.900	end 2009 07/09	2017 Under review ¹	<p>The increase in APE was approved by F.C. on 24 January 2014. Works were about 71.6% completed.</p>

¹ As mentioned in the press release issued by the Highways Department (HyD) on 15 September 2015, the large metal object that was previously found at the seabed of the Wan Chai Development Phase II (WDII) works site caused suspension of reclamation and associated works in the area. After the reclamation works resumed in early July 2015, the Civil Engineering and Development Department (CEDD) notified the HyD of the revised site handing over schedule after the recommencement of 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
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	Q3/20end 2020	The contract was awarded on 17 March 2016 and works commenced on 30 March 2016. Works were about 0.9% completed by end of Q2 of 2016.
6720TH	Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling—Stage 2	Approved by F.C. Current forecast	4,320.00 4,320.00	07/13 07/13	2018 2019	<p>The project comprises two construction contracts. Works for Contract No. HY/2012/06 were about 31.3% completed. Constructions of Kau Lung Hang Vehicular Bridge, footbridges, noise barriers as well as retaining walls were in progress.</p> <p>Works for the portion entrusted to CEDD for implementation under Contract No. CV/2012/09 were about 36.2% completed. Foundation works for re-provisioned Kiu Tau Footbridge, construction of noise barriers, road works and watermain laying/diversion were in progress.</p> <p>The revision in the project completion date is due to the longer than expected time required for land resumption and clearance.</p>
6798TH	Improvement to Pok Oi	Approved by F.C.	264.800	Q3 2012	mid 2015	Works contract was about 94% completed. The Tuen Mun

The CEDD estimated that the section concerned of the Central - Wan Chai Bypass and Island Eastern Corridor Link (CWB) tunnel could only be completed for handing over to the HyD's contractor for carrying out the aforementioned subsequent works by mid-2017. As such, the HyD anticipated that the related subsequent works could not be completed within the same year. In other words, the CWB could not be commissioned in 2017 as originally scheduled. The HyD together with their consulting engineer and resident site staff will continue to closely monitor the works progress of the CWB project and will duly assess the schedule of works with the aim of commissioning the CWB as early as possible.

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
	Interchange	Current forecast	264.800	11/12	Q3/16	bound slip road along Yuen Long Highway was opened to the public on 7 February 2015. The segregated left turn lane at Pok Oi Roundabout was opened to the public on 27 February 2016. Construction of the flyover at Pok Oi Interchange and the Kowloon bound slip roads along Yuen Long Highway were in progress.
6844TH	Hong Kong—Zhuhai—Macao Bridge Hong Kong Link Road	Approved by F.C. Current forecast	25,047.200 25,047.200	mid 2012 05/12	end 2016 end 2017	The works are being implemented under two design and build contracts and were about 73% completed. Works in progress include reclamation, seawalls and tunnels construction, production of precast bridge segments and utility trough units for the viaducts. Deck segments and utility trough erection for both marine viaduct and land viaduct were in progress.
6845TH	Hong Kong—Zhuhai—Macao Bridge Hong Kong Boundary Crossing Facilities—Reclamation and Superstructures	Approved by F.C. Current forecast	35,895.000 35,895.000	end 2011 11/11	end 2016 end 2017	<p>The reclamation works contract no. HY/2010/02 commenced on 30 November 2011 and was about 87% completed. Seawall construction and reclamation filling were in progress.</p> <p>The part of works at the Airport Island entrusted to the Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Project commenced in May 2012. The Traffic Control and Surveillance System works (Contract No. HY/2013/05) for Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities and Hong Kong Link Road, and Tuen Mun-Chek Lap Kok Link Southern Connection commenced on 17 January 2014. The works contracts for Passenger Clearance Building (Contract No. HY/2013/01), Infrastructure Works Stage I (Western Portion) (Contract No. HY/2013/02), Infrastructure Works Stage II (Southern Portion) (Contract No.</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
6846TH	Tuen Mun—Chek Lap Kok Link—detailed design, site investigation and advance works	Approved by F.C. Current forecast	1,909.600 1,909.600	end 2011 11/11	early 2016 2016	HY/2013/04), Vehicle Clearance Plazas and Ancillary Buildings and Facilities (Contract No. HY/2013/03), Automatic Vehicle Clearance Support System (Contract No. HY/2013/06), Gantry Type X-ray Vehicle Inspection System contract (Contract No. HY/2014/04) and Remaining Ancillary Buildings and Facilities contract (Contract No. HY/2014/05) commenced on 25 April 2014, 25 July 2014, 13 March 2015, 10 April 2015, 14 August 2015, 31 December 2015 and 31 December 2015 respectively. The southern landfall reclamation is entrusted to the reclamation works Contract No. HY/2010/02, which commenced on 30 November 2011 and was about 92% completed. Seawall construction and reclamation filling were in progress. The ground investigation contract was completed with the account finalized on 20 August 2014.
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 mid 2018	Works were about 15.6% completed with utilities diversion, piling works, construction of retaining structures and junction improvement works at Canton Road in progress.
6857TH	Tuen Mun—Chek Lap Kok Link—construction works	Approved by F.C. Current forecast	44,798.400 44,798.400	06/13 06/13	end 2018 end 2018	The first three contracts commenced on 22 June 2013, 5 August 2013 and 21 July 2014, and their works were about 42%, 33% and 44% completed respectively. Tender for the fourth contract for the Northern Connection Tunnel Building and E&M Works was invited on 29 April 2016. The remaining contract is planned to be invited in Q3 of 2016. At the

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
						Northern Connection, the first phase of reclamation works was completed, site formation and bridge works for the toll plaza, and tunnel construction were in progress. At the Southern Connection, construction of marine and land viaducts was in progress.

Appendix

- A. Projects which were completed in the quarter ending March 2016 and have been excluded from this report:

	<u>Item</u>	<u>Title</u>
1	3016NB	Reprovisioning of Cape Collinson Crematorium
2	3031LJ	West Kowloon Law Courts Building
3	3055RG	Sports centre, community hall and district library in Area 14B, Sha Tin
4	3277LP	Reprovisioning of Yau Ma Tei Police Station
5	4341DS	Harbour Area Treatment Scheme, stage 2A – upgrading of Stonecutters Island sewage treatment works and preliminary treatment works
6	4377DS	Upgrading of Central and East Kowloon sewerage—phase 2

- B. Projects which were completed in the quarter ending June 2016 and will be excluded from the next report onwards:

	<u>Item</u>	<u>Title</u>
1	4351DS	Harbour Area Treatment Scheme (HATS) Stage 2A – planning and design of the upgrading works of Stonecutters Island sewage treatment works and the preliminary treatment works
2	4373DS	Lam Tsuen Valley sewerage, stage 1

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