

Quarterly Report
on
Public Works Programme
for
October – December 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. 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 2016, six projects were completed. These projects are no longer included in this report. In the quarter ending December 2016, 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
April 2017

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 34% 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 36% completed. Pile cap and ground floor construction 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 75% completed. The watermain diversion works, river bed deepening 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 major drainage improvement works are scheduled for completion by end of 2017. |
| 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 were about 86% completed with phase 1 storage tank commissioned in end March 2015. Phase 2 storage tank construction commenced in August 2015. All excavation |

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| 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, drainage works and structural works for construction of storage tank were completed. Phase 2 storage tank is targeted for commissioning in March 2017. Reinstatement of sport pitches and Emergency Vehicular Access are in good progress. Works were about 73.1% completed. River bed deepening works, construction of river wall and access ramp, artificial rock installation works, planting works 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 commenced 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 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. |

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| 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 | 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 72% completed. |
| 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 12/26 | <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> |
| 5737CL | Dredging, management and capping of contaminated sediment disposal facility to the | Approved by F.C. Current forecast | 617.700 416.010 | 08/12 08/12 | 12/16 12/16 | The sediment disposal facility to the South of The Brothers comprises 2 contaminated mud pits (CMPs). The 1 st pit commenced operation in late August 2013. Following the depletion of the 1 st CMP, the 2 nd CMP was put into operation in |

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| 7167CD | south of The Brothers 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 | November 2014 and was exhausted on 22 March 2016. The capping works to the 2 nd CMP were substantially completed in December 2016. The project estimate was revised due to the lower tender price of the dredging works and testing contracts. Works were about 64% completed. The project estimate was revised taking into account the reduction in contingency. |
| 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. Site formation, ground investigation and toilet foundation construction works were in progress. Works were about 18% completed. |
| 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 were substantially completed. |
| 7677CL | Wan Chai development | Approved by F.C. | 4,642.700 | 12/09 | 06/17 | The construction works were about 67% completed as at end |

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| | phase II, engineering works | Current forecast | 4,642.700 | 12/09 | 06/21 | <p>December 2016. Four of the six works contracts have been awarded and two of them (those for Central-Wan Chai Bypass over MTR Tsuen Wan Line and the contract for Central-Wan Chai Bypass at Hong Kong Convention and Exhibition Centre) were completed in July 2013 and May 2016 respectively. The other two contracts are progressing as planned. 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 5,118.300 | Q4/15 11/15 | 2019 12/19 | Works were about 19% completed. The project estimate was revised due to lower tender prices. |
| 7731CL | Infrastructure works for housing sites adjacent to Lung Ping Road at Tai Wo Ping, Shek Kip Mei | Approved by F.C. Current forecast | 781.400 680.920 | 06/13 07/13 | 12/16 03/17 | Works commenced on 31 July 2013 as more time was taken for tender assessment. Works were about 95% completed. The project estimate was revised taking into account the reduction in contingency. All the two related housing sites were disposed of |

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| 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>in 2015 and 2016 as committed through provision of temporary construction access, whilst the current forecast project completion date is revised due to unforeseen additional underground utility works necessary for completion of the Contract.</p> <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, sewerage pumping station, retaining wall for widening of Yiu Sha Road and laying of drainage pipes are in progress. Works were about 49% completed.</p> |
| 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 2,001.300 | 07/13 07/13 | 06/17 Q3/17 | <p>Works were about 80% completed. The project estimate was revised taking into account the reduction in contingency. All the development sites served by this project were handed over to the Lands Department through provision of temporary construction access. Owing to the unsatisfactory progress of Stage 4 works, the anticipated completion date is revised to Q3 of 2017.</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 11/19 | <p>Works commenced in November 2015 and were about 39% completed.</p> |

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| 7789CL | Formation, roads and drains in Area 54, Tuen Mun – phase 2 stages 3 and 4A works | Approved by F.C. Current forecast | 553.100 553.100 | 2015 11/15 | 2019 11/19 | Works commenced in November 2015 and were about 39% completed. |
| 7797CL | Kai Tak development – stages 3B and 5A infrastructure works at former north apron area | Approved by F.C. Current forecast | 2,152.800 2,152.800 | 09/16 09/16 | end 2020 end 2020 | Works commenced in stages starting from 28 September 2016 and were about 1.5% completed. |
| 7799CL | Tung Chung New Town Extension – detailed design and site investigation | Approved by F.C. Current forecast | 729.500 645.000 | mid 2016 06/16 | 2021 2021 | Consultancy Agreements for the detailed design for Tung Chung East and Tung Chung West commenced on 16 June 2016 and 30 September 2016 respectively. The latest project estimate is revised to reflect the lower than expected awarded consultancy fees. |
| 7801CL | West Kowloon Reclamation – main works (remainder) – footbridge at the junction of Sham Mong Road and Tonkin Street West in Sham Shui Po | Approved by F.C. Current forecast | 368.900 368.900 | Q3/16 09/16 | Q3/19 Q3/19 | Works were about 7% completed. |
| 7803CL | Development of Anderson Road Quarry | Approved by F.C. Current forecast | 7,693.400 7,693.400 | 11/16 12/16 | 02/22 02/22 | Due to longer time taken for financial capability checking in tender assessment, works commenced on 21 December 2016. |

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| 9043WS | Site – Site Formation and Associated Infrastructure Works Uprating 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 | <p>Design and Build type of contract was originally used for the mainlaying works. However, as no valid tenders were received, 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 69% 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> |

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| 9053WS | Uprating of Chai Wan salt water supply system | Approved by F.C. Current forecast | 379.100 379.100 | 12/16 11/16 | early 2020 early 2020 | 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 and were about 60% completed. Tender invitation for a Civil contract, namely Contract No. 7/WSD/16, was in progress. Another M&E contract will be tendered in mid-2017. |
| 9198WC | Implementation of Water Intelligent Network, stage 1 | Approved by F.C. Current forecast | 239.700 239.700 | end 2016 12/16 | end 2019 end 2019 | Contract No. 10/WSD/16 commenced on 23 December 2016. |
| 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 | 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. For Contract No. 4/WSD/11, the new service reservoirs had been substantially completed with the water tightness tests passed. The mainlaying works in Sham Shui Po and Kowloon City areas had been 97% completed. It is anticipated that all Contract works will be substantially completed in mid March 2017. For Contract No. 15/WSD/10, works were about 68% completed. Constructions of the major buildings including the Ozone Generation Building (OGB), the Primary Biological Filter II |

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| 9350WF | Improvement of water supply to Sheung Shui and Fanling | Approved by F.C. Current forecast | 521.300 521.300 | end 2016 09/16 | early 2020 early 2020 | <p>Building (PBFII) and the Secondary Rapid Gravity Filter II Building (SRGFII) had been substantially completed while construction of the Dissolved Air Floatation II Building (DAFII) continued (93% completed) for completion in early March 2017. Most E&M facilities / plant had been delivered to site, and E&M installation started in September 2016. According to the current progress, it is anticipated that the new Stream II (i.e. the expanded stream in addition to the existing Stream I) of Tai Po WTW will commission by May 2018.</p> <p>Tender invitation for Contract no. 4/WSD/16 was in progress.</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 12/18 | <p>The site formation works for Logistics Centre was about 70% completed. The construction of the bored piles retaining wall behind the WTW Logistic Centre was in progress.</p> <p>The foundation of temporary power house was completed in December 2016. The construction of its superstructure was in progress.</p> <p>The construction of northern access road was in progress. The construction of bored piles commenced in late December 2016.</p> |

Secretary for Education

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|-------------|--|--------------------------------------|------------------------|--------------------|--------------------------|---|
| 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 64% completed. Superstructure construction was completed. Internal finishes and building services works were 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 59% completed. Superstructure construction was completed. Internal fitting-out and building services works were in progress. |
| 3109ET | A school for social development for boys in Area 2B, Tuen Mun | Approved by F.C. Current forecast | 408.500 408.500 | late 2016 12/16 | early 2019 early 2019 | Contract commenced on 28 December 2016. Site preparation works 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 28% completed. Pile cap construction was in progress. |
| 3271ES | A 30-classroom secondary school at Site 1A-2, Kai Tak development | Approved by F.C. Current forecast | 446.700 446.700 | late 2016 12/16 | early 2019 early 2019 | Works commenced on 7 December 2016. Hoarding works were in progress. |
| 3351EP | Two 24-classroom primary schools at | Approved F.C. Current forecast | 660.000 660.000 | 12/15 03/16 | 02/18 05/18 | Works were about 20% completed. Substructure and superstructure construction for school blocks were in progress. |

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| 3353EP | ex-Tanner Road Police Married Quarters site at Pak Fuk Road, North Point, Hong Kong A 30-classroom primary school at Site KT2b, Development at Anderson Road, Kwun Tong | Approved by F.C. Current forecast | 351.100 351.100 | late 2016 12/16 | late 2018 late 2018 | Contract commenced on 28 December 2016. Site preparation works were 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 51% completed. Superstructure construction, road widening and internal fitting-out works were in progress. |

Secretary for the Environment

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|-------------|---|--------------------------------------|------------------------|--------------------|-------------------------|---|
| 4332DS | Lam Tsuen Valley sewerage, stage 2 | Approved by F.C. Current forecast | 588.300 588.300 | 11/12 10/12 | 12/16 05/17 | The project was about 98.9% completed. Sewer laying works and construction of sewage pumping stations were in progress. Part of the completed sewers had been handed over to EPD for public connection. The delay is mainly due to various objections to the sewerage works and the delayed availability of land for construction of the sewage pumping stations. |
| 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 were substantially completed. |
| 4381DS | Construction of additional sewage rising main and rehabilitation of the existing sewage rising main between Tung Chung and Siu Ho Wan | Approved by F.C. Current forecast | 1,362.600 1,362.600 | Q3/16 08/16 | end 2025 end 2025 | Works commenced on 19 August 2016. Site clearance and ground investigation works were in progress. |
| 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 12/17 | Works were about 68% completed. Sewerage works at Pak Kong, 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. The works along Clear Water Bay Road have been affected by unexpected shallow rock stratum and inclement weather. |
| 4386DS | Village sewerage in Kau Lung Hang San Wai, Kau | Approved by F.C. Current forecast | 316.800 316.800 | 06/12 06/12 | 12/16 09/17 | Works were about 95% completed. Sewer laying works in Kau Lung Hang San Wai and Kau Lung Hang Lo Wai, and the |

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| | Lung Hang Lo Wai and Tai Hang, and southern trunk sewer between Wai Tau Tsuen and Nam Wa Po | | | | | southern trunk sewer between Wai Tau Tsuen and Nam Wa Po were completed and works in Tai Hang were in progress. The sewage pumping station in Tai Hang 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 65% completed. Sewer laying works in Siu Lek Yuen, Ngau Pei Sha, Kau To, Kwai Tei New Village, Shatin Heights, Tin Liu, Ha Wun Yiu and Shan Tong New Village were in progress. Construction of Kau To sewage pumping station was in progress. |
| 4396DS | Sewerage in Nam Wa Po and Wai Tau Tsuen | Approved by F.C. Current forecast | 319.100 319.100 | 07/13 07/13 | 09/17 09/17 | Works were about 70% completed. Sewer laying works in Nam Wa Po and Wai Tau Tsuen were in progress. Piling works for Wai Tau sewage pumping station were in progress. |
| 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 50% completed. The village sewerage works at Tai Peng Village, O Tsai, Sha Po Old Village, and Yung Shue Long New Village were in progress. Construction of O Tsai sewage pumping station was 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 08/19 | Works were about 25% completed. Sewer laying works in Kei Lun Wai, Lam Tei, Yeung Siu Hang, Fuk Hang Tsuen, Fu Tei Ha Tsuen, Yeung Siu Hang, Castle Peak Road and construction of Lok Chui Street Sewage Pumping Station, Siu Lam Psychiatric Centre Sewage Pumping Station and Fu Tei Ha Tsuen sewage pumping station were in progress. |

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| 4411DS | Upgrading of San Wai sewage treatment works – phase 1 | Approved by F.C. Current forecast | 2,572.300 2,572.300 | Q1/16 Q2/16 | Q3/20 Q4/20 | Works were about 3.9% completed. Project was upgraded to Cat. A in April 2016. Works contract commenced on 27 May 2016. Majority of the Works Site was handed over to the Contractor on 22 November 2016. Design works and ground investigation works 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 98.3% and 97.7% completed. The pipe laying works and electrical and mechanical installation of the DCS Phase III (Package B) were 42% and 28% completed. The DCS Phase III (Package C) only includes pipe laying works which started in September 2016 for completion in 2020. |
| 5163DR | Northeast New Territories Landfill Extension | Approved by F.C. Current forecast | 7,510.000 7,510.000 | mid 2016 Q3/18 | mid 2030 Q3/33 | 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. A longer than expected time is required for tender preparation and the contract commencement date of the NENT Landfill Extension Project is revised to Q3 of 2018. Also, we have been monitoring the waste intake pattern at the existing NENT landfill |

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| 5164DR | Southeast New Territories Landfill Extension | Approved by F.C. Current forecast | 2,101.600 2,101.600 | late 2015 mid 2018 | 2025 mid 2028 | <p>after the waste diversion plan since January 2016 which will affect the expected service life of NENT landfill, hence have a bearing on the landfill extension projects. We will monitor closely the waste intakes and distribution among the landfills. Based on our current estimates, the delay will not jeopardize the succession of NENT Landfill.</p> <p>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; and Government land allocation is being arranged with District Lands Office/Sai Kung. Due to the delay of TKO Area 137 site handing over, the forecast project start date is being reviewed in close liaison with the Civil Engineering and Development Department.</p> |
| 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 09/17 | <p>The Contractor is now carrying out the detailed design and the construction works commenced in May 2015.</p> <p>The project encounters some delay in civil and building works as well as the late arrival of some major E&M equipment and thus, the completion of the project will be postponed to September 2017.</p> |
| 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 | <p>The design-build-operate contract was awarded on 31 March 2015. The construction of substructure was substantially completed in August 2016, and the construction of superstructure was 90% completed by end of December 2016. Architectural</p> |

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|-------------|--|--------------------------------------|------------------------|--------------------|-------------------------|--|
| 5233DS | Sludge Treatment Facilities | Approved by F.C. Current forecast | 5,364.300 5,364.300 | 02/10 10/10 | 12/16 03/17 | <p>works and installation of building services were in progress.</p> <p>The project was originally expected to start in January 2015 with 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 was revised to mid 2017.</p> <p>Design and construction of the Sludge Treatment Facilities (STF) commenced in October 2010. Construction of Section 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 Section 1 operation in April 2015.</p> <p>Testing and commissioning of the last incineration train for Section 2 of the works was finished in August 2015. Section 2 operation (with total capacity of 2,000 tonnes per day) has commenced since April 2016. The environmental education centre of STF has been opened to the public for visit since 29 June 2016.</p> <p>Section 1 outstanding works were completed in November 2016. The certification of completion for Section 1 was issued on 23 November 2016. Section 2 outstanding works are in progress with completion date anticipated to be in Q1 of 2017.</p> |
| 6810TH | Retrofitting of noise barriers on Tuen Mun | 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</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 |
|--------------------|--|--------------------------------------|-------------------------------|---------------------------|--------------------------------|--|
| 6814TH | Road (Town Centre section) 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 | 14.1% completed by end of Q4 of 2016. The contract was awarded on 15 June 2016 and works commenced on 28 June 2016. The works were about 4.1% completed by end of Q4 of 2016. |

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 15% completed. Excavation and lateral support works for basement construction 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 | Works were about 5% completed. Decommissioning in accordance with Environmental Impact Assessment and piling works were in progress. |
| 3022NB | Provision of Columbarium at Wo Hop Shek Cemetery – Phase 1 | Approved by F.C. Current forecast | 945.600 945.600 | late 2016 12/16 | end 2019 end 2019 | Contract commenced on 30 December 2016. Site preparation works were in progress. |
| 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 | Works were about 21% completed. Footing construction was 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 27% completed. Pile cap construction was 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 |
|-------------|--|--------------------------------------|------------------------|--------------------|-------------------------|---|
| 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 15% completed. Underground drainage and superstructure construction were in progress. |
| 3057RG | Sports centre, community hall and football pitches in Area 1, Tai Po | Approved by F.C. Current forecast | 2,163.100 2,163.100 | late 2016 02/17 | late 2020 02/21 | Project was upgraded to Cat. A in June 2016. Contract would commence in February 2017. Project programme was revised as longer time was required in preparation of tender documents in order to address PWSC's comments. |
| 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 19% 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 19% completed. Demolition works and superstructure construction for expansion portions 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 11/16 | Works were substantially completed in November 2016. |
| 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 15% completed. Pile cap and underground drainage construction 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– First Construction Package | Approved by F.C. Current forecast | 840.500 764.100 | Q4/15 07/15 | Q4/18 Q4/18 | Works were about 39% completed. The project estimate was revised due to lower tender prices. |
| 7791CL | Integrated Basement for West Kowloon Cultural District – first and second stages of design, site investigation and construction works | Approved by F.C. Current forecast | 2,919.500 2,444.580 | Q4/15 09/15 | Q1/19 Q1/19 | Works were about 39% completed. The project estimate was revised due to lower tender prices. |

Secretary for Justice

| Project No. | Project Title | | Project Estimate (\$M) | Project Start Date | Project Completion Date | Notes on Progress of Project and variance in project estimate, start date and completion date |
|--------------------|---|--------------------------------------|-------------------------------|---------------------------|--------------------------------|--|
| 3118KA | Renovation works for the West Wing of the former Central Government Offices for office use by the Department of Justice and law-related organisations | Approved by F.C. Current forecast | 1,078.900 1,078.900 | Q4/16 10/16 | Q4/18 Q4/18 | Contract commenced on 3 October 2016. Works were about 9% completed. Demolition works and structural surveys were in progress. |

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 Q1/17 | <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 99% completed.</p> |
| 3063JA | Construction of staff quarters for Correctional Services Department at Tin Wan, Aberdeen | Approved by F.C. Current forecast | 256.100 256.100 | late 2016 01/17 | Q2/19 Q2/19 | Project was upgraded to Cat. A in July 2016. Contract would commence in January 2017. |
| 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 29% completed. Superstructure 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 17% completed. Ground floor 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 |
|--------------------|--|--------------------------------------|-------------------------------|---------------------------|--------------------------------|--|
| 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 18% completed. Footing construction for tower 1 and superstructure construction for tower 2 were in progress. |
| 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 | Works were substantially completed in November 2016. |
| 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 3% completed. Demolition of the existing building had been completed and piling 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 3,467.200 | 01/08 01/08 | 12/14 12/16 | As at end December 2016, the works were about 99% and substantially completed. Population intake of the corresponding housing development is arranged by Housing Department in phases and all infrastructure works essential for the first phase intake in June 2016 were completed. The outstanding works to match the subsequent phases of intake scheduled tentatively for Q2 of 2017 and afterwards will be completed by Q1 of 2017. |
| B783CL | Infrastructure works for development at Queen's Hill, Fanling | Approved by F.C. Current forecast | 1,459.500 1,459.500 | late 2016 12/16 | late 2019 late 2019 | Contracts awarded in end December 2016 for commencement as scheduled. The contractors are gradually taking possession of the sites. Initial surveying works are in progress. |
| B062RG | Sports centre, 5-a-side soccer pitch and public library facilities at Northwest Kowloon Reclamation Site 6, Sham Shui Po | Approved by F.C. Current forecast | 1,564.600 1,564.600 | late 2016 12/16 | early 2020 early 2020 | Contract commenced on 21 December 2016. Site preparatory works were in progress. |
| B197SC | Reprovisioning of Pak Tin Community Hall and special child care centre-cum-early education and training centre in Pak Tin Estate redevelopment site, and construction of footbridge | Approved by F.C. Current forecast | 318.300 318.300 | 06/15 10/15 | 06/18 10/18 | Works were about 26% completed. Pile cap 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 |
|-------------|---|--------------------------------------|------------------------|--------------------|---------------------------------------|---|
| B081TI | link at Nam Cheong Street, Sham Shui Po 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 04/18 | Works commenced in November 2015. Foundation works for the Public Transport Interchange cover was 65% completed. Piling works for footbridge and lift tower were 100% and 65% completed respectively. |
| 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 need and programme for removal of unforeseen rock at the seabed outside a container berth was confirmed in Q3 of 2016. The completion date was revised from April 2016 to June 2017 to allow for the remaining removal of seabed rock off the container berth. |
| 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 12/17 (Subject to review) | Planning and design were about 97% completed. The design work continued. 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 |

| 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 |
|-------------|---|--------------------------------------|--------------------------|--------------------|-------------------------|--|
| 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 | 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. 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. |
| 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 | On 11 March 2016, the F.C. approved the increase in Approved Project Estimate (APE) by \$15,387.5 million to \$70,405 million in MOD prices. As at end December 2016, the works were about 79% 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. |
| 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 APE by \$4,215 million to \$16,015 million in MOD prices. As at end December 2016, the works were about 77% 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 | Approved by F.C. | 826.900 | 06/11 | 04/15 | Works were substantially completed. All the essential public |

| 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 | Extension – essential public infrastructure works | Current forecast | 826.900 | 06/11 | 10/16 | infrastructure works were opened for public use on 23 October 2016 as per the commissioning date of the Kwun Tong Line Extension. |
| | Shatin to Central Link – construction of railway works – remaining works | Approved by F.C. Current forecast | 65,433.300 65,433.300 (Subject to review) | mid 2012 08/12 | 12/20 2021 | <p>Works were about 58% completed.</p> <p>In view of the delay of about 11 months to Tai Wai to Hung Hom Section of the Shatin to Central Link (SCL) arising from the archaeological and conservation works at the work site of To Kwa Wan Station, the current target is to commission 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>Excavation of the tunnels between To Kwa Wan Station and Ho Man Tin Station of the Tai Wai to Hung Hom Section of SCL was completed in August 2016. The civil works for Hin Keng Station were substantially completed. Construction of the Diamond Hill Station structure except the TBM launching shaft was completed. Construction of the Kai Tak Station structure was substantially completed. Building services and architectural builders works and finishes for Hin Keng Station, Diamond Hill Station and Kai Tak Station were in progress. The structural works for To Kwa Wan Station was in progress. Construction of the lower track slab of Ma Tau Wai Station was completed and the construction of the station internal</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>structures, entrances and ventilation shafts were in progress.</p> <p>At Hung Hom, temporary traffic management scheme at Chatham Road North was being implemented for excavation and tunneling works. 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 pre-cast units at the ex-Shek O Quarry for the cross harbour tunnels was completed.</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, existing roads including Expo Drive East, Convention Avenue, etc. are temporarily diverted stage by stage with the latest one implemented on 11 September 2016.</p> <p>The tunnel boring machine drive for the construction of the down-track tunnel from Police Officers' Club to Exhibition Station was completed.</p> <p>Works were about 69% 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, construction of footbridges and lift towers at Wan Wah Street, Yuk Wah Street, Po Kong Village Road and Lung Poon Street 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 |
|-------------|--|--------------------------------------|---|--------------------|---------------------------------------|---|
| 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 12/17 (Subject to review) | <p>Re-provisioning of Harbour Road Sports Centre was underway.</p> <p>Works were about 91% completed. In the process of excavation at Admiralty Station, it is found that the excavation is more difficult than expected as the rock mass is less fragmented than the estimation from ground investigation reports. 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 had been carried out as compared to the planned. As a consequence of a delay as mentioned, MTRCL estimated that the remaining works mainly involving the construction of a supplementary emergency entrance (SEE) would lead to a delay of 24 months, but it would not affect the target of commissioning the Hung Hom to Admiralty section of SCL, which remained to be 2021.</p> <p>At Admiralty Station, cut-and-cover excavation for the Admiralty Station extension was completed and the concrete works of the station box structure were completed. Construction of the cavern structure had been completed and architectural builders works and finishes works at SCL concourse level were substantially completed, and concrete works of the SCL overrun tunnel were substantially completed. At Hong Kong Park Ventilation Building, structural works had been completed with fitting-out and E&M works were completed.</p> <p>Despite the above remaining works, the South Island Line (East) was commissioned on 28 December 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 |
|-------------|--|--------------------------------------|------------------------|--------------------|---------------------------------------|--|
| 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 12/17 (Subject to review) | <p>Works were about 77% 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 24 months for non-railway works.</p> <p>The new Mail Centre had been completed and handed over to Hongkong Post for operation. For the reprovisioning works of Harcourt Garden, a covered walkway at the landscaped deck level connecting to CITIC Tower Footbridge near Rodney Street were substantially completed and South Island Line (East) was commissioned on 28 December 2016.</p> <p>For the reprovisioning works of LCSD facilities at Hong Kong Park, structural works were completed and architectural builders works and finishes and E&M works were in progress.</p> |
| 6076TI | Bus-Bus Interchanges on Tuen Mun Road | Approved by F.C. Current forecast | 205.300 205.300 | 04/10 07/10 | 12/14 Q1/17 | <p>The Kowloon bound and Tuen Mun bound of Bus-Bus Interchange (BBI) were opened to the public on 26 December 2012 and 27 July 2013 respectively. The Tuen Mun bound toilet was opened to the public on 1 December 2016. The construction works of Kowloon bound toilet commenced on 11 April 2016. The substructure works were completed and the superstructure works were also substantially completed. The internal fitting out works were in progress. It is targeted to complete the works for the Kowloon bound toilet by the first quarter of 2017.</p> |
| 6167TB | Provision of barrier-free | Approved by F.C. | 292.100 | 08/11 | 12/15 | Project No. 6167TB covers phase 1 construction works for 10 |

| 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 |
|-------------|--|--------------------------------------|--------------------------|--------------------|---|--|
| | access facilities at public footbridges, elevated walkways and subways—design works and phase 1 construction works | Current forecast | 292.100 | 08/11 | 01/16 (Construction) 2017 (Design) | structures and design works for technically feasible structures which currently consist of 140 items. 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. The design works commenced in stages from August 2011 for progressive completion from 2013 to 2017. The design works were about 92% completed. |
| 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 end 2018/ Q1/19 ¹ | The increase in APE was approved by F.C. on 24 January 2014. Works were about 76.7% completed. |
| 6703TH | Dualling of Hiram's Highway between Clear Water Bay Road and Marina Cove and improvement to local access to Ho Chung | Approved by F.C. Current forecast | 1,774.400 1,774.400 | Q3/15 03/16 | Q3/20 end 2020 | The contract started on 30 March 2016. The works were about 8.0% completed by end of Q4 of 2016. Site formation and foundation works of the new Ho Chung Bridge and noise barriers at Marina Cove were in progress. Construction of retaining walls at Luk Mei Tsuen Road commenced. |

¹ As mentioned in the context of the 2017 Policy Address, the Central-Wan Chai Bypass and the Island Eastern Corridor Link (CWB), originally scheduled for completion in 2017 but hampered by delays due to unforeseeable problems in work site handover. The Highways Department together with their consulting engineer will closely monitor the works progress, assess the implications of the potential risks, and urge the contractors to adjust the schedule of works and take measures correspondingly, with the target of achieving full commissioning of the CWB in end 2018 or in the first quarter of 2019.

| Project No. | Project Title | | Project Estimate (\$M) | Project Start Date | Project Completion Date | Notes on Progress of Project and variance in project estimate, start date and completion date |
|-------------|---|--------------------------------------|--------------------------|--------------------|---|---|
| 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 42.3% completed. Constructions of 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 43.6% completed. Drainage works, watermain diversion, noise barrier works and construction of reprovisioned Kiu Tau footbridge 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 Interchange | Approved by F.C. Current forecast | 264.800 264.800 | Q3 2012 11/12 | mid 2015 10/16 | <p>Works contract was substantially completed. The Kowloon bound flyover and slip roads at Pok Oi Interchange next to Yuen Long Highway was opened to the public on 15 October 2016.</p> |
| 6844TH | Hong Kong—Zhuhai—Macao Bridge Hong Kong Link Road (HKLR) | Approved by F.C. Current forecast | 25,047.200 25,047.200 | mid 2012 05/12 | end 2016 Target to achieve readiness for commissioning by end 2017 | <p>The works are being implemented under two design and build contracts and were about 80% completed. Bored piles, pile caps, piers and casting of precast bridge deck segments for the marine and land viaducts of the HKLR have been completed. The bridge decks of land viaducts have all been erected and stressing of their post-tensioning tendons is being carried out. The erection of bridge decks of the marine viaducts, construction of the tunnel section and at-grade road works 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 |
|-------------|--|--------------------------------------|--------------------------|--------------------|---|--|
| 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 Target to achieve readiness for commissioning by end 2017 | <p>The reclamation works contract no. HY/2010/02 commenced on 30 November 2011 and was largely completed in late 2016 while the remaining works of installing armour rocks and the removal of surcharge materials are 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. 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. It is targeted to achieve readiness for commissioning of the project by end 2017.</p> |
| 6846TH | Tuen Mun—Chek Lap Kok Link—detailed design, site investigation | Approved by F.C. Current forecast | 1,909.600 1,909.600 | end 2011 11/11 | early 2016 Under review | The southern landfall reclamation was entrusted to the reclamation works Contract No. HY/2010/02, which commenced on 30 November 2011 and was largely 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 |
|-------------|--|--------------------------------------|------------------------|--------------------|-------------------------|--|
| 6855TH | and advance works 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 end 2018 | <p>in late 2016 while the remaining works of installing amour rocks and the removal of surcharge materials are in progress. The ground investigation contract was completed with the account finalized on 20 August 2014.</p> <p>Works were about 20.6% completed with utilities diversion, piling works, construction of retaining structures and junction improvement works at Canton Road in progress.</p> <p>The project had encountered various unexpected site difficulties, such as no room for implementing the proposed temporary traffic arrangement schemes at Canton Road due to conflict with those of the Express Rail Link project, piling progress near Lin Cheung Road and toll plaza of Western Harbour Crossing being hindered by the presence of thicker-than-expected layer of marine deposit and former rubble mound sloping seawall/breakwater, delay in autotoll lane switching operation at Western Harbour Crossing due to longer-than-expected time required for testing and commissioning of the traffic information system and the Western Harbour Tunnel Company Limited's latest change to requirement of autotoll road markings.</p> <p>To minimize the encountered delay, more piling plant was being deployed for carrying out piling works near Lin Cheung Road and toll plaza of Western Harbour Crossing as far as practicable.</p> |
| 6857TH | Tuen Mun—Chek Lap | Approved by F.C. | 44,798.400 | 06/13 | end 2018 | The first three contracts commenced on 22 June 2013, 5 August |

| 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 |
|-------------|---|--------------------------------------|--------------------------|--------------------|---------------------------|--|
| | Kok Link—construction works | Current forecast | 44,798.400 | 06/13 | Under review ² | 2013 and 21 July 2014, and their works were about 53%, 45% and 54% completed respectively. Tender for the fourth contract for the Northern Connection Tunnel Building and E&M Works was closed on 5 August 2016. For the Northern Connection, first phase of reclamation works was completed. The second phase of reclamation works, 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. |
| 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 mid 2021 | <p>Works for the first two contracts, i.e. the main tunnel and Road P2 reclamation in Tseung Kwan O, commenced on 11 and 29 July 2016 respectively.</p> <p>Third works contract, i.e. Northern Footbridge, commenced on 16 December 2016. Tenders for the remaining works contracts will be invited in phases in mid 2017.</p> <p>Site formation at Lam Tin Interchange and installation of steel cofferdam at Junk Bay are in progress.</p> |

² As announced by the Highways Department (HyD) on 31 October 2016, it is believed that the TM-CLKL project cannot be completed according to the original plan. The HyD has been closely monitoring the progress of the works to overcome the technical difficulties, and will endeavor to catch up with the progress, and carry out a comprehensive review on the commissioning of TM-CLKL.

Appendix

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

| | <u>Item</u> | <u>Title</u> |
|---|-------------|---|
| 1 | 3049RG | Public library and indoor recreation centre in Area 3, Yuen Long |
| 2 | 4371DS | Sewerage in western Tuen Mun |
| 3 | 4375DS | Sewerage in Ping Kong, Fu Tei Pai and Tai Wo |
| 4 | 4378DS | North District sewerage, stage 2 part 2A – Pak Hok Lam trunk sewer and Sha Tau Kok village sewerage |
| 5 | 6056TR | South Island Line (East) – essential public infrastructure works |
| 6 | 7744CL | Formation, roads and drains in Area 54, Tuen Mun – phase 2 stage 1 works |

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

| | <u>Item</u> | <u>Title</u> |
|---|--------------------|--|
| 1 | 3076LC | Redevelopment of Tai Lam Centre for Women |
| 2 | 3269RS | Sports Centre in Area 4, Tsing Yi |
| 3 | 4367DS | Upgrading of Central and East Kowloon sewerage – phase 1 |
| 4 | 5737CL | Dredging, management and capping of contaminated sediment disposal facility to the south of The Brothers |
| 5 | 6060TR | Kwun Tong Line Extension – essential public infrastructure works |
| 6 | 6798TH | Improvement to Pok Oi Interchange |
| 7 | 7279RS | Cycle tracks connecting North West New Territories with North East New Territories – Tuen Mun to Sheung Shui (Stage 1) |
| 8 | B566CL | Development at Anderson Road |

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 |