

Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU (WORKS BRANCH)

Controlling officer: the Permanent Secretary for Development (Works) will account for expenditure under this Head.

Estimate 2020–21	\$871.4m
Establishment ceiling 2020–21 (notional annual mid-point salary value) representing an estimated 401 non-directorate posts as at 31 March 2020 rising by 30 posts to 431 posts as at 31 March 2021.....	\$331.1m
In addition, there will be an estimated 30 directorate posts as at 31 March 2020 and as at 31 March 2021.	
Commitment balance.....	\$657.8m

Controlling Officer's Report

Programmes

Programme (1) Water Supply	This programme contributes to Policy Area 24: Water Supply, Drainage and Slope Safety (Secretary for Development).
Programme (2) Heritage Conservation Programme (3) Greening, Landscape and Tree Management Programme (4) Energizing Kowloon East	These programmes contribute to Policy Area 22: Buildings, Lands, Planning, Heritage Conservation, Greening and Landscape (Secretary for Development).
Programme (5) Intra-Governmental Services	This programme contributes to Policy Area 22: Buildings, Lands, Planning, Heritage Conservation, Greening and Landscape (Secretary for Development) and Policy Area 27: Intra-Governmental Services (Secretary for Development).

Detail

Programme (1): Water Supply

	2018–19 (Actual)	2019–20 (Original)	2019–20 (Revised)	2020–21 (Estimate)
Financial provision (\$m)	27.8	17.3	20.8 (+20.2%)	27.2 (+30.8%)
				(or +57.2% on 2019–20 Original)

Aim

2 The aim is to ensure the provision of a reliable, adequate and quality supply of water and to maintain an efficient water supply service.

Brief Description

3 The Works Branch's main responsibility under this programme is to formulate water supply policies and co-ordinate their implementation. In 2019, the Branch:

- oversaw the provision of round-the-clock water supply to the territory throughout the year;
- oversaw the performance of Water Supplies Department (WSD) on drinking water safety including the control of quality of water supplied to customers in accordance with the Hong Kong Drinking Water Standards;
- monitored the implementation and review of total water management strategy;
- oversaw the implementation of major water supply projects, including the design and construction of the first stage of desalination plant at Tseung Kwan O, development of Water Intelligent Network and preparatory work on the supply of recycled water;
- continued the legislative amendments to the Waterworks Ordinance (Cap. 102) (WWO) and the Waterworks Regulations (Cap. 102A) (WWR) relating to regulation of plumbing works, control of plumbing materials, mandatory water efficiency labelling scheme and supply of recycled water, as well as the review of other parts of WWO and WWR;

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- continued to take forward the Action Plan for Enhancing Drinking Water Safety in Hong Kong together with WSD; and
- continued to support the Drinking Water Safety Advisory Committee which provides advice to Development Bureau on various drinking water safety issues.

Matters Requiring Special Attention in 2020–21

4 During 2020–21, the Branch will:

- continue to oversee a reliable and safe supply of potable water;
- continue to oversee the maintenance and improvement of the water supply infrastructure;
- continue to monitor the implementation of the updated total water management strategy;
- continue to oversee the review of payment approach with Guangdong authorities and negotiate for the next Dongjiang water supply agreement starting from 2020;
- continue to oversee the public consultation and the law drafting for legislative amendments to WWO relating to regulation of plumbing works, control of plumbing materials, safeguarding drinking water safety at consumers' taps, mandatory water efficiency labelling scheme and supply of recycled water, as well as the review of other parts of WWO;
- continue to oversee the implementation of various initiatives under the Action Plan for Enhancing Drinking Water Safety in Hong Kong;
- steer the launch of the Water Safety Plan Subsidy Scheme which aims to enhance drinking water safety in buildings through provision of financial incentive to building owners in need; and
- continue to oversee the performance of WSD on drinking water safety.

Programme (2): Heritage Conservation

	2018–19 (Actual)	2019–20 (Original)	2019–20 (Revised)	2020–21 (Estimate)
Financial provision (\$m)	203.0 Δ	234.0	238.8 (+2.1%)	295.9 (+23.9%)
				(or +26.5% on 2019–20 Original)

Δ For comparison purpose, the figure includes provision for the Antiquities and Monuments Office (AMO) under Head 95 — Leisure and Cultural Services Department (LCSD) as the AMO was transferred to the Works Branch on 1 April 2019.

Aim

5 The aim is to protect, conserve and revitalise as appropriate historical and heritage buildings and sites through relevant and sustainable approaches for the benefit and enjoyment of the present and future generations.

Brief Description

6 The Works Branch's main responsibility under this programme is to support the Secretary for Development in discharging his statutory role as the Antiquities Authority and to formulate and implement heritage conservation measures with public participation. In 2019, the Branch:

- continued to provide funding support under the Built Heritage Conservation Fund for implementing the Revitalising Historic Buildings Through Partnership Scheme, the Financial Assistance for Maintenance Scheme on Built Heritage, and the funding schemes for thematic research and public engagement projects, and to provide secretariat support to the Advisory Committee on Built Heritage Conservation which offers advice to the Government on the operation of the Fund;
- continued to take forward the projects under Batches I to V of the Revitalising Historic Buildings Through Partnership Scheme, which involves revitalisation of government-owned historic buildings by non-profit-making organisations;
- launched Batch VI of the Revitalising Historic Buildings Through Partnership Scheme;
- continued to implement the Financial Assistance for Maintenance Scheme on Built Heritage to provide financial assistance on the maintenance of privately-owned graded historic buildings as well as government-owned declared monuments and graded historic buildings leased to non-profit-making organisations;

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- continued to oversee the implementation of the Heritage Impact Assessment mechanism for capital works projects to ensure that their impact on heritage sites would be avoided or minimised and mitigation measures would be devised if impact was unavoidable;
 - offered assistance and explored economic incentives as appropriate to facilitate conservation of privately-owned graded historic buildings;
 - continued to take forward the remaining parts of the Central Police Station Compound revitalisation project in partnership with the Hong Kong Jockey Club;
 - together with the Commerce and Economic Development Bureau (CEDB), continued to work closely with the selected non-profit-making organisation to promote the former Police Married Quarters on Hollywood Road as a creative industries landmark;
 - completed the declaration of one rock carving and two historic buildings as monuments under the Antiquities and Monuments Ordinance (Cap. 53) (A&MO);
 - continued with the grading exercise for 1 444 historic buildings and other buildings suggested for grading by the public by seeking the Antiquities Advisory Board’s confirmation of the proposed grading taking account of the advice of the Historic Buildings Assessment Panel as well as the views received from the private owners concerned and the public; and
 - organised promotional activities for the public and tourists to enhance their interest in and knowledge of heritage conservation, including “Revitalised Historic Buildings Instagram Photo Competition” and the associated roving exhibitions, King Yin Lei Open Days and “Heritage Fiesta 2019”.
- 7 The key performance measures in respect of heritage conservation are:

Indicators

	2018 (Actual)	2019 (Actual)	2020 (Estimate)
cumulative total no. of projects included under the Revitalising Historic Buildings Through Partnership Scheme.....	19	22	22
cumulative total no. of buildings/structures/sites declared as monuments§.....	120	123	126
restoration, repair and maintenance projects for historic buildings/structures/sites completed§.....	34	35	35
attendance at public education, publicity and promotional activities/programmes◇.....	253 215	219 608	220 000

§ New indicator as from 2019. The AMO was transferred to the Works Branch on 1 April 2019. The figures of 2018 reflect the performance of the AMO before the transfer.

◇ Revised description of the previous indicator “no. of participants in promotional activities” as from 2019. The figures of 2018 and 2019 reflect the performance of the AMO before and after its transfer to the Works Branch respectively and that of the Commissioner for Heritage’s Office.

Matters Requiring Special Attention in 2020–21

- 8 During 2020–21, the Branch will:
- continue to oversee the operation of the Built Heritage Conservation Fund;
 - continue to take forward the projects under Batches I to V of the Revitalising Historic Buildings Through Partnership Scheme;
 - oversee the assessment of applications under Batch VI of the Revitalising Historic Buildings Through Partnership Scheme;
 - continue to implement the Financial Assistance for Maintenance Scheme on Built Heritage to provide financial assistance on the maintenance of privately-owned graded historic buildings as well as government-owned declared monuments and graded historic buildings leased to non-profit-making organisations;
 - continue to oversee the implementation of the Heritage Impact Assessment mechanism to protect sites and buildings of historical or archaeological significance;
 - continue to liaise with private owners of graded historic buildings to offer assistance and explore economic incentives as appropriate to facilitate their preservation;
 - continue to take forward the remaining parts of the Central Police Station Compound revitalisation project in partnership with the Hong Kong Jockey Club;

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- together with CEDB, continue to work closely with the selected non-profit-making organisation to promote the revitalised former Police Married Quarters on Hollywood Road as a creative industries landmark;
- continue to identify suitable historic buildings or archaeological sites for consideration to be declared as monuments under the A&MO;
- continue to oversee the grading exercise for 1 444 historic buildings and other buildings suggested for grading by the public; and
- continue to organise promotional activities to enhance public interest in and knowledge of heritage conservation.

Programme (3): Greening, Landscape and Tree Management

	2018–19 (Actual)	2019–20 (Original)	2019–20 (Revised)	2020–21 (Estimate)
Financial provision (\$m)	58.6	68.3	68.0 (–0.4%)	86.1 (+26.6%)
				(or +26.1% on 2019–20 Original)

Aim

9 The aim is to oversee and co-ordinate government efforts on landscape and tree management through an integrated approach.

Brief Description

10 Landscape and trees are integral parts of our outdoor environment. They contribute to our quality of life by providing passive amenity, moderating temperature, improving air quality and enhancing the visual appeal and biodiversity of our densely built-up city. Pursuant to the recommendations in the “Report of the Task Force on Tree Management – People, Trees, Harmony” published in June 2009, the Greening, Landscape and Tree Management (GLTM) Section was established under the Works Branch in March 2010 to take up the overall policy responsibility for formulating and co-ordinating landscape and tree management strategies and initiatives in Hong Kong.

11 The GLTM Section is the central authority with an overall policy responsibility for formulating and co-ordinating landscape and tree management strategies and initiatives in Hong Kong. The Section is underpinned by the Greening and Landscape Office (GLO) and the Tree Management Office (TMO). The two offices work in close co-operation to promote a holistic approach, advocating adequate space allocation for new planting, proper selection of planting species, quality landscape design and planting practices in the upstream and proper vegetation maintenance in the downstream, with protection of public safety as a priority consideration. The GLO is responsible for central co-ordination of the Government’s greening and landscape planning and design efforts, while the TMO for advocating the adoption of a professional approach to tree management among tree management departments and in the community at large. In 2019, the Branch:

- continued to promote the principles of “Right Tree Right Place” and vegetation diversity with a view to developing a healthier and more resilient urban forest upstream and minimising tree risks downstream;
- continued to implement a holistic urban forestry management regime and develop proper urban arboricultural practices to foster an enjoyable and safe outdoor environment;
- continued to raise public awareness on proper landscape practices and urban forestry through a series of promotional and educational activities for the public and the industry;
- conducted workshops for property managers and frontline street cleansing staff to enhance their awareness of proper tree care;
- released the Manual on the Management of Brown Root Rot Disease for practical and sustainable management of the disease;
- enhanced tree risk assessment requirements, including tightening of the qualification and experience requirements of inspection officers and strengthening of the technical requirements of risk assessment to better protect public safety;
- piloted the use of several smart technologies (such as thermal infrared imagery, drone, multi-spectral imagery and mobile mapping) to complement tree management work at different stages;
- organised the first International Urban Forestry Conference;
- prepared for the implementation of the Urban Forestry Support Fund; and
- studied the introduction of a registration system for tree management personnel.

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12 The key performance measures in respect of greening, landscape and tree management are:

Indicators

	2018 (Actual)	2019 (Actual)	2020 (Estimate)
planting by Government ^ψ			
trees (thousands)	415.3	352.0	320.4
shrubs (thousands).....	5 245.3	6 166.4	4 745.6
herbaceous plants (including seasonal flowers) (thousands)#	625.9	483.8	818.2
total (thousands).....	6 286.5	7 002.2	5 884.2
expenditure on greening works by Government (\$m)	290.2	311.8	281.5
no. of participants in training organised by the GLTM Section.....	5 037	5 579	5 302
no. of participants in public education and community involvement activities organised by the GLTM Section	6 095	6 603	6 200

^ψ Presentation of figures changed from “millions” to “thousands” as from 2019. Figures of 2018 have been revised in their presentation for consistency.

[#] Revised description of the previous indicator “seasonal flowers” as from 2019. Based on the definition as stated in Development Bureau Technical Circular (Works) No. 5/2017, “herbaceous plants” includes bulbs, annuals, biennials and perennials, of which the previous indicator “seasonal flowers” is described therein.

Matters Requiring Special Attention in 2020–21

13 During 2020–21, the Branch will:

- undertake studies to improve the growing conditions for urban tree plantings;
- set up a dedicated Inspection Squad to strengthen tree audits and site patrols throughout the territory;
- introduce a registration scheme for tree management personnel;
- launch the Urban Forestry Support Fund which would support the rolling out of the Study Sponsorship Scheme and the Trainee Programme, and the organisation of “People • Trees • Harmony” promotion campaign;
- arrange more venues for arboricultural field training;
- continue to explore the use of smart sensing technology to monitor tree stability;
- apply three-dimensional scanning to help strengthen the health surveillance of Old and Valuable Trees; and
- promulgate guidelines on the use of infrared imagery and drone in tree inspection.

Programme (4): Energizing Kowloon East

	2018–19 (Actual)	2019–20 (Original)	2019–20 (Revised)	2020–21 (Estimate)
Financial provision (\$m)	43.7	43.8	43.9 (+0.2%)	45.4 (+3.4%)
				(or +3.7% on 2019–20 Original)

Aim

14 The aim is to advocate the overall planning and design directions, facilitate public and private developments, implement necessary public works projects, and take such initiatives that are conducive to expediting the transformation of Kowloon East (comprising the Kai Tak Development and the Kwun Tong and Kowloon Bay Business Areas) into an additional core business district (CBD) to support Hong Kong’s economic development.

Brief Description

15 The 2011–12 Policy Address announced the transformation of Kowloon East into an attractive CBD in order to meet the demand for quality office space outside the traditional CBD. Specifically, this will involve land use reviews, urban design, improving connectivity and the associated infrastructure.

16 In June 2012, the multi-disciplinary Energizing Kowloon East Office was inaugurated to steer and monitor the transformation of Kowloon East into the second CBD of Hong Kong. The Energizing Kowloon East Initiative was extended to the San Po Kong Business Area in October 2017.

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17 In 2019, the Branch:

- continued to implement the Conceptual Master Plan (CMP) and liaise with the community to address the needs of the public and stakeholders;
- enhanced walkability in Kowloon East by implementing pedestrian and traffic environment improvement works recommended under the feasibility studies on the Kowloon Bay and Kwun Tong Business Areas;
- completed a feasibility study on pedestrian environment and traffic improvement in the San Po Kong Business Area;
- commenced technical studies to review the future land uses of two sites on Siu Yip Street and Lai Yip Street;
- continued to carry out a planning and design review on the former airport runway tip, and two planning and engineering studies on the Kwun Tong and Kowloon Bay Action Areas;
- oversaw the operation of the facilities underneath Kwun Tong Bypass for arts, culture and creative uses;
- incorporated the industrial culture elements of Kowloon East into urban design with a view to creating distinctive public spaces including open space and streetscape enhancement projects;
- co-ordinated Government's efforts and resources for improvement of the environment, including face-lifting of Hoi Bun Road Park and Lam Wah Street Playground together with their adjacent areas, conversion of Tsun Yip Street Playground and associated reprovisioning of ball courts, completing Tsui Ping River Garden, and taking forward the transformation of King Yip Street nullah into Tsui Ping River, provision of district open space cum underground public vehicle park at Sze Mei Street, and reprovision of refuse collection point at Wang Chin Street and face-lifting its adjacent areas;
- completed the smart city consultancy and continued to carry out proof-of-concept trials, and facilitated different sectors in using Kowloon East as a test bed to explore the feasibility of developing a smart city;
- maintained active dialogues with the community to enhance vibrancy through facilitation of place-making events and activities;
- provided one-stop advisory and co-ordination services for public and private developments to facilitate the transformation in Kowloon East and the San Po Kong Business Area;
- engaged major stakeholders and the public to promote Kowloon East to local and overseas developers and users as an additional CBD; and
- explored opportunities to support the arts, culture and creative industries with a view to turning Kowloon East into a distinctive CBD.

Matters Requiring Special Attention in 2020–21

18 During 2020–21, the Branch will continue to:

- advocate and further develop the evolving CMP through public engagement to forge ahead the policy initiatives of Energizing Kowloon East;
- enhance walkability in Kowloon East through implementing short, medium and long-term measures recommended under the feasibility studies on the Kowloon Bay and Kwun Tong Business Areas;
- improve walkability and traffic in the San Po Kong Business Area through implementing improvement measures recommended under the feasibility study on the San Po Kong Business Area;
- carry out technical studies to review the future land uses of two sites on Siu Yip Street and Lai Yip Street;
- take forward the recommendations of the planning and design review study for the former airport runway tip and the planning and engineering study on the Kwun Tong Action Area;
- carry out the planning and engineering study to release the potential of government sites within the Kowloon Bay Action Area;
- oversee the operation of the facilities underneath Kwun Tong Bypass for arts, culture and creative uses;
- incorporate the industrial culture elements of Kowloon East into urban design and public arts with a view to creating distinctive public spaces including open space and streetscape enhancement projects;
- co-ordinate Government's efforts and resources for improvement of the environment, including face-lifting of Hoi Bun Road Park and Lam Wah Street Playground together with their adjacent areas, reprovisioning of ball courts to Hong Ning Road Park, transformation of King Yip Street nullah into Tsui Ping River, provision of district open space cum underground public vehicle park at Sze Mei Street, and reprovision of refuse collection point at Wang Chin Street and face-lifting its adjacent areas;
- carry out smart city proof-of-concept trials and share the experience gained to facilitate wider application, and facilitate different sectors in using Kowloon East as a test bed to explore the feasibility of developing a smart city;

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- maintain active dialogues with the community to enhance vibrancy through facilitation of place-making events and activities;
- provide one-stop advisory and co-ordination services for public and private developments to facilitate the transformation of Kowloon East and the San Po Kong Business Area;
- engage major stakeholders and the public in promoting Kowloon East to local and overseas developers and users as an additional CBD; and
- explore opportunities in the Kwun Tong and Kowloon Bay Action Areas to support the culture and creative industries with a view to turning Kowloon East into a distinctive CBD.

Programme (5): Intra-Governmental Services

	2018–19 (Actual)	2019–20 (Original)	2019–20 (Revised)	2020–21 (Estimate)
Financial provision (\$m)	1,308.6	345.1	328.4 (–4.8%)	416.8 (+26.9%)
				(or +20.8% on 2019–20 Original)

Aim

19 The aim is to plan, manage and implement public sector infrastructure development and works programmes in a safe, timely and cost-effective manner whilst maintaining high quality standards, and to promote the safety of lifts and escalators.

Brief Description

20 The Branch's main responsibilities under this programme are to formulate works policies; to monitor implementation of public sector infrastructure development and works programmes; to roll out industry reform initiatives; to provide legal services for these matters; and to formulate policies on safety of lifts and escalators. In 2019, the Branch:

- established the Project Strategy and Governance Office to implement strategic initiatives for enhancing project governance;
- established the Centre of Excellence for Major Project Leaders to uplift project performance and delivery capability;
- formulated the strategy for digitisation of works supervision system to improve efficiency, cost-effectiveness, quality and safety of public works projects;
- monitored the delivery of public works projects to ensure timely completion and within budget;
- implemented various cost management initiatives for public works projects and promoted cost management in the private construction sector;
- spearheaded the implementation of Kai Tak Development;
- steered the detailed feasibility study for the Environmentally Friendly Linkage System (EFLS) for Kowloon East;
- spearheaded the implementation of Liantang/Heung Yuen Wai Boundary Control Point project;
- facilitated the Airport Authority Hong Kong (AAHK) in formulating a proposal for developing airport-related businesses on the topside of the Hong Kong Boundary Crossing Facilities Island of the Hong Kong-Zhuhai-Macao Bridge;
- oversaw the implementation of the improvement works at Mui Wo and Tai O;
- oversaw the implementation of improvement and expansion of mountain bike trail networks in south Lantau and the cycle track network in the New Territories;
- steered the preparation of the planning and engineering studies on reclamations at Lung Kwu Tan, Sunny Bay and Ma Liu Shui;
- steered the preparation of the studies related to the artificial islands in the Central Waters and a new major transport corridor to link up the coastal areas of Tuen Mun, North Lantau, the artificial islands in the Central Waters and Hong Kong Island;
- steered the preparation of the study for a highway parallel to the North Lantau Highway;
- oversaw the investigation and detailed design, and the construction of the stage 1 works, of the relocation of Sha Tin sewage treatment works to caverns;

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- oversaw the investigation and detailed design of the relocation of Diamond Hill fresh water and salt water service reservoirs to caverns;
- steered the implementation of initiatives to facilitate cavern development;
- oversaw the feasibility studies on the relocation of Sham Tseng sewage treatment works, Sai Kung sewage treatment works, Tsuen Wan fresh water service reservoir, and Yau Tong fresh water and salt water service reservoirs, and Public Works Central Laboratory to caverns;
- steered the pilot planning and engineering study on development of selected Strategic Cavern Areas;
- steered the implementation of the Pier Improvement Programme;
- oversaw the provision of infrastructure support and provided technical input to various increasing land supply initiatives and proposals;
- steered the pilot study on underground space development in selected strategic urban areas;
- worked closely with the Construction Industry Council (CIC) to develop and implement various improvement initiatives to meet the industry's manpower demand in the future. These initiatives include upskilling local construction manpower, attracting new entrants, promoting innovation and technology, monitoring the construction manpower situation and facilitating workers registration;
- supported the CIC to develop the master layout plan and conduct associated technical studies for constructing a well-equipped new campus for its Hong Kong Institute of Construction (HKIC) at the existing Tai Po Training Ground to train more high calibre and professional construction practitioners;
- supported the CIC to introduce a new two-year apprenticeship programme, namely the CIC Approved Technical Talents Training Programme (CICATP), providing systematic and holistic on-the-job training to equip graduates of the HKIC's full-time training programmes to become Skilled Workers;
- encouraged contractors to employ the CICATP trainees through public works contracts, thereby attracting more young people to join the construction industry;
- steered and monitored the implementation of the Construction Innovation and Technology Fund (CITF) and promoted the CITF among industry stakeholders with a view to encouraging wider adoption of innovative construction technologies and nurturing an innovative mindset to transform the construction industry;
- worked closely with the CIC to steer the consultancy on improving the environmental performance of the Hong Kong construction industry;
- continued to promote collaborative partnership in the implementation of public works projects, including the adoption of the New Engineering Contract (NEC) form, to enhance management efficiency and cost-effectiveness;
- continued to promote the construction and related professional services and liaised with the relevant Mainland authorities to pursue further market access in the Mainland, with focus on extending the existing scope of the professional services, striving for further liberalisation measures, direct provision of services in Pilot Free Trade Zones and the Greater Bay Area and more opportunities to participate in the national foreign aid projects;
- oversaw the implementation of the Landslip Prevention and Mitigation Programme to deal with landslide risks associated with man-made slopes and natural terrains;
- introduced improvement measures and organised promotional activities to enhance safety and environmental performance at public works construction sites;
- monitored the implementation of the Lifts and Escalators Ordinance (Cap. 618) (LEO) to enhance regulatory control of lift and escalator safety;
- oversaw the implementation of the Lift Modernisation Subsidy Scheme (LIMSS) to enhance the safety of aged lifts through provision of financial incentive to building owners in need;
- continued to liaise with industry stakeholders on the details of preparing a new legislation to enhance payment practice in the construction industry;
- monitored drainage upgrading and rehabilitation works to reduce flooding risk and nullah improvement works to enhance community environment;
- continued to review the public works procurement system and oversee the implementation of the enhancement measures;
- provided secretariat and support services to the Lantau Development Advisory Committee (LanDAC) which advised the Government on the measures and specific proposals conducive to the sustainable development and conservation of Lantau;
- oversaw the implementation of the conservation and development initiatives and projects set out in the Sustainable Lantau Blueprint and the Lantau Tomorrow Vision;

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- steered the setting-up of the Lantau Conservation Fund to promote conservation together with the community and pursue local improvement works for Lantau;
- monitored the implementation of the works policy to enhance the selection, appointment and management of engineering and associated consultants under the purview of the Engineering and Associated Consultants Selection Board;
- monitored the implementation of the works policy to promote design buildability for public works projects aiming at enhancing cost management and construction productivity; and
- steered and monitored the implementation of the works policy to adopt Building Information Modelling (BIM) technology for major government capital works projects and promoted the use of this technology in private construction projects.

Matters Requiring Special Attention in 2020–21

21 During 2020–21, the Branch will:

- continue to lead the construction industry to uplift the capability and sustainability of the industry, increase productivity, enhance regulation and quality assurance, improve site safety and reduce environmental impact;
- continue to foster closer collaboration with local stakeholders and international counterparts, and organise the first International Summit on Project Governance in Hong Kong, to enhance project governance capability;
- continue to deliver the Major Projects Leadership Programme under the Centre of Excellence for Major Project Leaders to equip officers with innovative mindset and world-class leadership skills for delivering public works projects;
- steer and provide support for wider adoption of Modular Integrated Construction in building projects;
- implement digital works supervision system for public works projects;
- continue to take lead in promoting sustainable built environment in Hong Kong;
- continue to closely monitor the delivery of the Capital Works Programme to ensure timely completion of projects and keep its underspending, if any, to below five per cent;
- continue to achieve better cost management by formulating cost control measures and cost reduction initiatives, conducting studies for improving performance and cost effectiveness of projects, promoting adoption of technology and innovative construction methods, enhancing project management capability; and continue to steer and monitor related work undertaken by project client bureaux and works departments;
- continue to oversee the implementation of Kai Tak Development;
- continue to oversee the timely completion of Liantang/Heung Yuen Wai Boundary Control Point project;
- continue to facilitate AAHK in formulating a proposal for developing airport-related businesses on the topside of the Hong Kong Boundary Crossing Facilities Island of the Hong Kong-Zhuhai-Macao Bridge;
- continue to oversee the implementation of the improvement works at Mui Wo and Tai O;
- continue to oversee the implementation of improvement and expansion of mountain bike trail networks in south Lantau and the cycle track network in the New Territories;
- continue to steer the planning and engineering study on reclamations at Sunny Bay, and the combined study on the development of reclamation at Lung Kwu Tan and the coastal area at Tuen Mun West;
- continue to steer the studies related to the artificial islands in the Central Waters and the associated strategic transport corridor;
- continue to steer the study for a highway parallel to the North Lantau Highway;
- continue to oversee the investigation and detailed design, and the construction of the stage 1 works, of the relocation of Sha Tin sewage treatment works to caverns;
- continue to oversee the investigation and detailed design of the relocation of Diamond Hill fresh water and salt water service reservoirs to caverns;
- continue to steer the feasibility studies on relocation of Sai Kung sewage treatment works, Tsuen Wan fresh water service reservoir, Yau Tong fresh water and salt water service reservoirs and Public Works Central Laboratory to caverns;
- continue to steer the pilot planning and engineering study on development of selected Strategic Cavern Areas;
- continue to oversee the implementation of the Pier Improvement Programme;
- continue to steer the pilot study on underground space development in selected strategic urban areas and oversee the work associated with the way forward of the pilot study;

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- continue to steer the detailed feasibility study for the EFLS for Kowloon East and oversee the work associated with the way forward of the EFLS project;
- continue to steer the implementation of the initiatives to facilitate cavern development;
- continue to oversee the provision of infrastructure support and provide technical input to various initiatives and proposals to increase land supply;
- continue to work closely with the CIC to drive various improvement initiatives that aim to raise the standards of the construction industry;
- continue to support the CIC to construct the HKIC new campus at the existing Tai Po Training Ground to uplift the professionalism of construction practitioners;
- provide financial support for the CIC to expand the CICATP to cover more trades, increase the training allowance for new trainees of HKIC's one-year full-time training programmes and provide incentives for in-service general workers to upskill to Semi-skilled Workers;
- continue to encourage contractors to employ the CICATP trainees through public works contracts, thereby attracting more young people to join the construction industry;
- continue to make use of the CITF to encourage a wider adoption of innovative construction technologies in local construction industry and build up the capacity of industry practitioners and tertiary students of construction-related disciplines to espouse new technology for the continuous development of the industry;
- continue to promote collaborative partnership in the implementation of public works projects, including the adoption of the NEC form;
- continue to promote the construction and related professional services and to liaise with the relevant Mainland authorities to pursue further market access in the Mainland, with focus on extending the existing scope of the professional services and striving for further liberalisation measures, direct provision of services in the Pilot Free Trade Zones and the Greater Bay Area and providing more opportunities to participate in the national foreign aid projects;
- continue to monitor the implementation of relevant measures and organise promotional activities to enhance safety and environmental performance at public works construction sites;
- continue to monitor the implementation of the LEO;
- continue to oversee the implementation of the LIMSS and steer the launch of the expansion scheme of the LIMSS;
- continue to oversee the implementation of the Landslip Prevention and Mitigation Programme;
- continue to monitor drainage upgrading and rehabilitation works to reduce flooding risk and nullah improvement works to enhance community environment;
- steer the development of the concept of “Rivers in the City” through river revitalisation projects and introduction of water bodies rejuvenation facilities;
- continue to liaise with industry stakeholders on the details of preparing a new legislation to enhance payment practice in the construction industry;
- continue to monitor the implementation of the enhancement measures for the public works procurement system and method;
- continue to work closely with the CIC for building the capability of subcontractors;
- continue to explore support measures to enhance construction-related professional services sectors' competitiveness and economic opportunities;
- continue to provide secretariat and support services to the LanDAC which advises the Government on the measures and specific proposals conducive to the sustainable development and conservation of Lantau;
- continue to oversee the implementation of the conservation and development initiatives and projects set out in the Sustainable Lantau Blueprint and the Lantau Tomorrow Vision;
- continue to steer the setting-up and operation of the Lantau Conservation Fund to promote conservation together with the community and pursue local improvement works for Lantau;
- continue to implement the works policy to enhance the selection, appointment and management of engineering and associated consultants under the purview of the Engineering and Associated Consultants Selection Board;
- continue to implement the works policy to promote design buildability for public works projects aiming at enhancing cost management and construction productivity; and
- continue to oversee and monitor the implementation of the adoption of BIM technology in major government capital works projects and promote the use of this technology in private construction projects.

**Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU
(WORKS BRANCH)**

ANALYSIS OF FINANCIAL PROVISION

Programme	2018–19 (Actual) (\$m)	2019–20 (Original) (\$m)	2019–20 (Revised) (\$m)	2020–21 (Estimate) (\$m)
(1) Water Supply	27.8	17.3	20.8	27.2
(2) Heritage Conservation	203.0 ^τ	234.0	238.8	295.9
(3) Greening, Landscape and Tree Management	58.6	68.3	68.0	86.1
(4) Energizing Kowloon East.....	43.7	43.8	43.9	45.4
(5) Intra-Governmental Services.....	1,308.6	345.1	328.4	416.8
	1,641.7	708.5	699.9 (-1.2%)	871.4 (+24.5%)
				(or +23.0% on 2019–20 Original)

^τ For comparison purpose, the figure includes provision for the AMO under Head 95 — LCSD as the AMO was transferred to the Works Branch on 1 April 2019.

Analysis of Financial and Staffing Provision

Programme (1)

Provision for 2020–21 is \$6.4 million (30.8%) higher than the revised estimate for 2019–20. This is mainly due to increased provision for the net increase of one post and the cash flow requirement for a non-recurrent item.

Programme (2)

Provision for 2020–21 is \$57.1 million (23.9%) higher than the revised estimate for 2019–20. This is mainly due to increased provision for the net increase of eight posts and operating expenses, as well as the increased cash flow requirements for non-recurrent and capital items.

Programme (3)

Provision for 2020–21 is \$18.1 million (26.6%) higher than the revised estimate for 2019–20. This is mainly due to increased provision for the net increase of eight posts and the cash flow requirement for a non-recurrent item.

Programme (4)

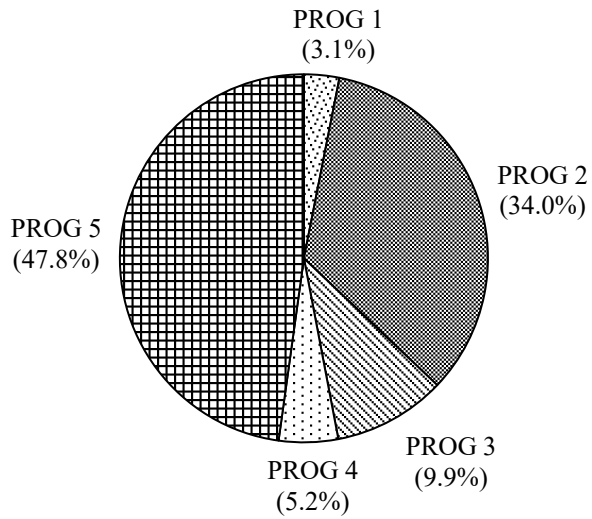
Provision for 2020–21 is \$1.5 million (3.4%) higher than the revised estimate for 2019–20. This is mainly due to the increased provision for personal emoluments and operating expenses.

Programme (5)

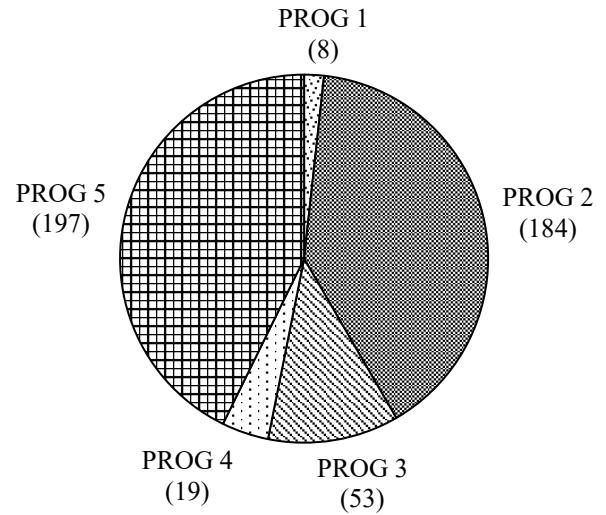
Provision for 2020–21 is \$88.4 million (26.9%) higher than the revised estimate for 2019–20. This is mainly due to increased provision for the net increase of 13 posts and operating expenses, and the increased cash flow requirement for non-recurrent items.

**Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU
(WORKS BRANCH)**

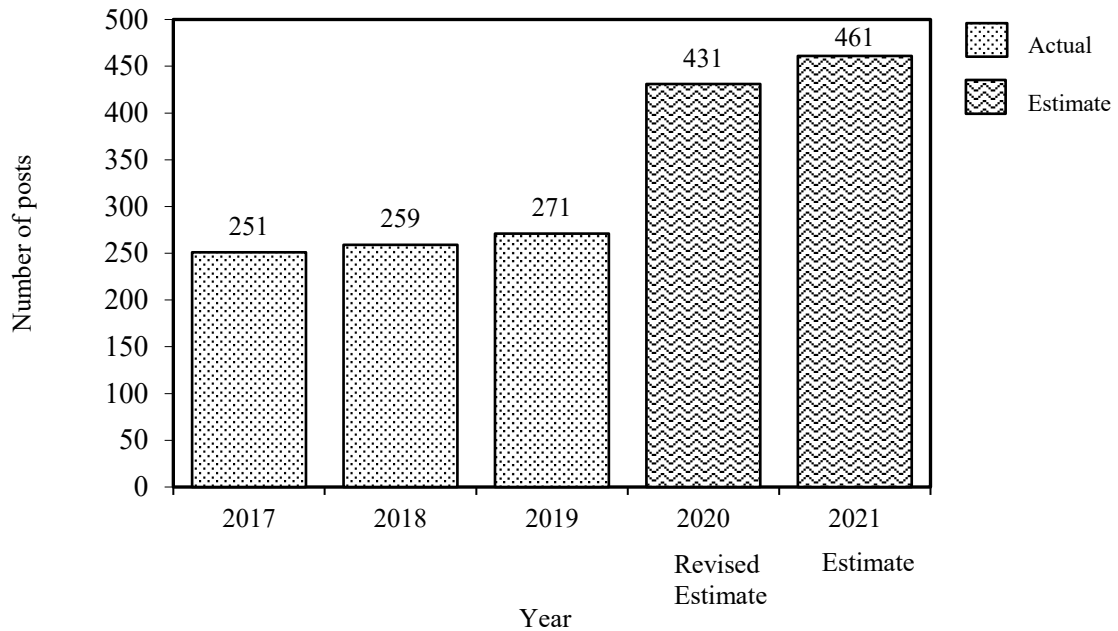
*Allocation of provision
to programmes
(2020-21)*



*Staff by programme
(as at 31 March 2021)*



*Changes in the size of the establishment
(as at 31 March)*



**Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU
(WORKS BRANCH)**

Sub-head (Code)	Actual expenditure 2018–19 ^φ	Approved estimate 2019–20	Revised estimate 2019–20	Estimate 2020–21	
	\$'000	\$'000	\$'000	\$'000	
Operating Account					
Recurrent					
000	Operational expenses	460,918	618,133	628,960	741,343
	Total, Recurrent.....	460,918	618,133	628,960	741,343
Non-Recurrent					
700	General non-recurrent	1,053,111	77,671	60,265	111,203
	Total, Non-Recurrent.....	1,053,111	77,671	60,265	111,203
	Total, Operating Account	1,514,029	695,804	689,225	852,546
Capital Account					
Plant, Equipment and Works					
600	Works	—	4,987	4,987	3,333
653	Restoration of historic buildings (block vote)	—	6,950	4,850	8,667
661	Minor plant, vehicles and equipment (block vote).....	—	—	—	6,000
694	Archaeological excavations (block vote).....	—	791	791	824
	Total, Plant, Equipment and Works.....	—	12,728	10,628	18,824
	Total, Capital Account.....	—	12,728	10,628	18,824
	Total Expenditure	1,514,029	708,532	699,853	871,370

^φ The Antiquities and Monuments Office was transferred from Leisure and Cultural Services Department to Works Branch on 1 April 2019. The 2018–19 actual expenditure represents the expenditure for the Works Branch before the transfer.

Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU (WORKS BRANCH)

Details of Expenditure by Subhead

The estimate of the amount required in 2020–21 for the salaries and expenses of the Works Branch is \$871,370,000. This represents an increase of \$171,517,000 over the revised estimate for 2019–20 and a decrease of \$642,659,000 against the actual expenditure in 2018–19.

Operating Account

Recurrent

2 Provision of \$741,343,000 under *Subhead 000 Operational expenses* is for the salaries, allowances and other operating expenses of the Works Branch. The increase of \$112,383,000 (17.9%) over the revised estimate for 2019–20 is mainly due to the increased provision for the net increase of civil service posts and operating expenses.

3 The establishment as at 31 March 2020 will be 431 posts including two supernumerary posts. It is expected that there will be a net increase of 30 posts in 2020–21. Subject to certain conditions, the controlling officer may under delegated power create or delete non-directorate posts during 2020–21, but the notional annual mid-point salary value of all such posts must not exceed \$331,068,000.

4 An analysis of the financial provision under *Subhead 000 Operational expenses* is as follows:

	2018–19 (Actual) (\$'000)	2019–20 (Original) (\$'000)	2019–20 (Revised) (\$'000)	2020–21 (Estimate) (\$'000)
Personal Emoluments				
- Salaries.....	248,990	348,901	339,340	393,293
- Allowances.....	5,115	5,557	8,150	8,150
- Job-related allowances.....	—	36	24	27
Personnel Related Expenses				
- Mandatory Provident Fund contribution.....	437	535	878	845
- Civil Service Provident Fund contribution.....	13,076	25,839	20,649	30,841
Departmental Expenses				
- Temporary staff.....	105,721	129,569	120,563	130,498
- General departmental expenses	86,429	102,636	134,796	172,629
Other Charges				
- Maintenance of government slopes by Housing Department.....	1,150	1,500	1,000	1,500
- Artefacts and museum exhibitions.....	—	3,410	3,410	3,410
Subventions				
- Hong Kong Archaeological Society	—	150	150	150
	460,918	618,133	628,960	741,343

Capital Account

Plant, Equipment and Works

5 Provision of \$8,667,000 under *Subhead 653 Restoration of historic buildings (block vote)* is to meet public demand for restoration works on buildings, sites or structures of historical interest. Funds for the restoration of monuments may be committed when an item of historical interest has been declared a monument under section 3(1) of the Antiquities and Monuments Ordinance (Cap. 53) or is deemed to merit declaration as a monument in special circumstances. An item may be in either private or public ownership (excluding buildings in government use or those leased to non-profit-making organisations which are separately covered by the Financial Assistance for Maintenance Scheme on Built Heritage). The maximum expenditure for each project of privately-owned monuments is \$10 million and that for public monuments is \$2 million. The increase of \$3,817,000 (78.7%) over the revised estimate for 2019–20 is mainly due to the expected increase in requirement for restoration works.

6 Provision of \$6,000,000 under *Subhead 661 Minor plant, vehicles and equipment (block vote)* is for replacement of air-conditioning system at Hong Kong Heritage Discovery Centre.

7 Provision of \$824,000 under *Subhead 694 Archaeological excavations (block vote)* is for conducting excavation projects necessitated by various kinds of small-scale developments. The maximum expenditure for each project is \$1 million.

**Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU
(WORKS BRANCH)**

Commitments

Sub-head head (Code)	Item (Code)	Ambit	Approved commitment	Accumulated expenditure to 31.3.2019	Revised estimated expenditure for 2019–20	Balance
			\$'000	\$'000	\$'000	\$'000
<i>Operating Account</i>						
700		<i>General non-recurrent</i>				
	803	Strengthening Cost Management and Uplifting Performance of Public Works Projects.....	69,500	—	12,160	57,340
	806	Consultancies for Impact Assessments related to Drinking Water Safety Regulatory Regime	5,000	—	—	5,000
	807	IT Support Services for Strengthening System Coordination and Data Analysis	1,200	—	—	1,200
	809	Urban Forestry Support FundΩ.....	200,000Ω	—	—	200,000
	810	Enhancements for Training of Construction WorkersΩ.....	200,000Ω	—	—	200,000
	818	Enhancing the Skill Level of Construction Manpower	100,000	39,408	14,001	46,591
	868	Investing in Construction Manpower	320,000	309,713	5,208	5,079
	870	Conservation and Revitalisation of Historic Buildings	200,000	75,702	28,896	95,402
			<u>1,095,700</u>	<u>424,823</u>	<u>60,265</u>	<u>610,612</u>

Capital Account

600		<i>Works</i>				
	049	Restoration of Tat Tak Communal Hall...	9,800	9,359	—	441
	462	Restoration of Yan Tun Kong Study Hall	6,980	6,065	180	735
	802	Structural repairs to the Enclosing Walls & Corner Watch Towers of Kun Lung Wai, Lung Yeuk Tau, Fanling, New Territories.....	9,850	2,681	1,000	6,169
	803	Structural repairs to Man Lun Fung Ancestral Hall, San Tin, Yuen Long, New Territories.....	9,000	38	500	8,462
	808	Restoration of Man Mo Temple Compound on Hollywood Road, Sheung Wan.....	9,955	2,245	50	7,660
	813	Restoration of the former residence of Ip Ting-sz, Sha Tau Kok.....	7,670	5,283	—	2,387
	843	Structural repairs to Tang Chung Ling Ancestral Hall in Lung Yeuk Tau, Fanling, New Territories.....	6,435	3,320	657	2,458
	879	Structural repairs to Lo Wai, Lung Yeuk Tau, Fanling, New Territories	9,970	5,472	—	4,498

**Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU
(WORKS BRANCH)**

Commitments—Cont'd.

Sub-head (Code)	Item (Code)	Ambit	Approved commitment	Accumulated expenditure to 31.3.2019	Revised estimated expenditure for 2019–20	Balance
			\$'000	\$'000	\$'000	\$'000
<i>Capital Account—Cont'd.</i>						
600		<i>Works—Cont'd.</i>				
	883	Structural repairs to Liu Man Shek Tong Ancestral Hall, Sheung Shui, New Territories	9,870	2,332	1,500	6,038
	887	Major repairs and restoration to Tung Wah Museum, Waterloo Road, Kowloon	4,895	2,594	1,000	1,301
	893	Restoration of Fat Tat Tong in Ha Wo Hang, Sha Tau Kok, New Territories ..	7,953	1,347	100	6,506
	898	External restoration and redecorations to the Helena May, Garden Road, Central.....	6,200	5,695	—	505
			<u>98,578</u>	<u>46,431</u>	<u>4,987</u>	<u>47,160</u>
		Total	<u>1,194,278</u>	<u>471,254</u>	<u>65,252</u>	<u>657,772</u>

Ω This is a new item, funding for which is sought in the context of the Appropriation Bill 2020.