

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

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

Estimate 2021–22	\$862.5m
Establishment ceiling 2021–22 (notional annual mid-point salary value) representing an estimated 431 non-directorate posts as at 31 March 2021 rising by one post to 432 posts as at 31 March 2022 ...	\$332.6m
In addition, there will be an estimated 30 directorate posts as at 31 March 2021 and as at 31 March 2022.	
Commitment balance.....	\$587.8m

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	These programmes contribute to Policy Area 22: Buildings, Lands, Planning, Heritage Conservation, Greening and Landscape (Secretary for Development).
Programme (3) Greening, Landscape and Tree Management	
Programme (4) Energizing Kowloon East	
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

	2019–20 (Actual)	2020–21 (Original)	2020–21 (Revised)	2021–22 (Estimate)
Financial provision (\$m)	26.3	27.2	35.3 (+29.8%)	23.3 (–34.0%)
				(or –14.3% on 2020–21 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 2020, 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 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;
- oversaw the review of payment approach with Guangdong authorities and negotiated for the next Dongjiang water supply agreement;
- 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, 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 and WWR;

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

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

Matters Requiring Special Attention in 2021–22

4 During 2021–22, the Branch will continue to:

- oversee a reliable and safe supply of potable water;
- oversee the performance of WSD on drinking water safety;
- oversee the maintenance and improvement of the water supply infrastructure;
- monitor the implementation of the total water management strategy;
- oversee the public consultation results 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;
- oversee the implementation of various initiatives under the Action Plan for Enhancing Drinking Water Safety in Hong Kong; and
- oversee the implementation of Water Safety Plan Subsidy Scheme.

Programme (2): Heritage Conservation

	2019–20 (Actual)	2020–21 (Original)	2020–21 (Revised)	2021–22 (Estimate)
Financial provision (\$m)	243.0	295.9	272.4 (–7.9%)	261.0 (–4.2%)
				(or –11.8% on 2020–21 Original)

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 2020, 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;
- oversaw the assessment of applications under 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;
- 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;

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

- 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 three 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 to enhance their interest in and knowledge of heritage conservation.
- 7 The key performance measures in respect of heritage conservation are:

Indicators

	2019 (Actual)	2020 (Actual)	2021 (Estimate)
cumulative total no. of projects included under the Revitalising Historic Buildings Through Partnership Scheme.....	22	22	22
cumulative total no. of buildings/structures/sites declared as monuments.....	123	126	129
restoration, repair and maintenance projects for historic buildings/structures/sites completed.....	35	35	35
attendance at public education, publicity and promotional activities/programmes.....	219 608	5 626§	100 000§

§ Due to COVID-19 pandemic, a number of promotional activities originally planned for 2020 were cancelled or deferred to 2021. A more conservative figure is also put down as estimate for 2021 as a result of the continued uncertainty.

Matters Requiring Special Attention in 2021–22

- 8 During 2021–22, 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;
 - continue to 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;
 - 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.

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

Programme (3): Greening, Landscape and Tree Management

	2019–20 (Actual)	2020–21 (Original)	2020–21 (Revised)	2021–22 (Estimate)
Financial provision (\$m)	64.6	86.1	75.0 (–12.9%)	105.4 (+40.5%)
				(or +22.4% on 2020–21 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. 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 2020, 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;
- established a dedicated Tree Risk Inspection Squad to strengthen tree audits and site patrols in 18 districts;
- provided additional venues for arboricultural field training;
- hosted the first International Urban Forestry Conference;
- established the Arboriculture and Horticulture Industry Development Advisory Committee to engage stakeholders to advise the Government on matters related to the development, and manpower supply and demand of the industry;
- rolled out the Registration Scheme for Tree Management Personnel; and
- launched the Urban Forestry Support Fund supporting the Study Sponsorship Scheme, Trainee Programme, biennial International Urban Forestry Conference, and public education and promotion activities on the “People • Trees • Harmony” campaign.

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

Indicators

	2019 (Actual)	2020 (Actual)	2021 (Estimate)
planting by Government			
trees (thousands)	352.0	262.0	300.8
shrubs (thousands).....	6 166.4	7 395.4	5 108.3
herbaceous plants (thousands)	483.8	937.6	689.7
total (thousands).....	7 002.2	8 595.0	6 098.8
expenditure on greening works by Government (\$m)	311.8	443.3	252.2

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

	2019 (Actual)	2020 (Actual)	2021 (Estimate)
no. of participants in training organised by the GLTM Section.....	5 579	2 989 λ	4 100 λ
no. of participants in public education and community involvement activities organised by the GLTM Section	6 603	2 642 λ	4 500 λ

λ Due to COVID-19 pandemic, a number of training courses and promotional activities originally planned for 2020 were cancelled. More conservative estimated figures are put down for 2021.

Matters Requiring Special Attention in 2021–22

13 During 2021–22, the Branch will:

- continue to oversee the operation of the Urban Forestry Support Fund;
- process applications received under the Registration Scheme for Tree Management Personnel, Study Sponsorship Scheme and Trainee Programme;
- continue the studies to improve the growing conditions for urban tree plantings;
- display QR-coded tree labels on about 200 000 trees along footways;
- commence a three-year study to collect and analyse tree movement data from 8 000 tilt sensors to test their effectiveness in identifying trees at risk of collapse;
- continue to explore the use of technology in tree management;
- continue the study on manpower and competence requirements of the arboriculture and horticulture industry;
- prepare the second International Urban Forestry Conference;
- enhance the greening website for public appreciation of Government’s greening efforts;
- undertake the studies to formulate the requirements of professional assessments and trade tests for tree management personnel; and
- continue to organise public education and promotion activities on the “People • Trees • Harmony” campaign.

Programme (4): Energizing Kowloon East

	2019–20 (Actual)	2020–21 (Original)	2020–21 (Revised)	2021–22 (Estimate)
Financial provision (\$m)	44.0	45.4	44.6 (–1.8%)	46.9 (+5.2%)
				(or +3.3% on 2020–21 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.

17 In 2020, the Branch:

- continued to implement the Conceptual Master Plan (CMP) and liaise with the community to address the needs of the public and stakeholders;
- continued to enhance walkability and connectivity in Kowloon East and the San Po Kong Business Area by implementing pedestrian and traffic environment improvement works recommended under the feasibility studies on Kowloon Bay, Kwun Tong and San Po Kong Business Areas;

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

- carried out technical studies to review the future land uses of two sites on Siu Yip Street and Lai Yip Street;
- completed a planning and design review on the former airport runway tip, and two planning and engineering studies on 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, reprovisioning of ball courts to Hong Ning Road Park, transformation of King Yip Street nullah into Tsui Ping River, and taking forward provision of district open space cum underground public vehicle park at Sze Mei Street as well as reprovisioning of refuse collection point at Wang Chin Street;
- 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 2021–22

18 During 2021–22, 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;
- continue to enhance walkability and connectivity in Kowloon East and the San Po Kong Business Area through implementing short, medium and long-term measures recommended under the feasibility studies on Kowloon Bay, Kwun Tong and San Po Kong Business Areas;
- continue to take forward the recommendations of the planning and design review study for the former airport runway tip and the two planning and engineering studies on Kwun Tong and Kowloon Bay Action Areas;
- continue to oversee the operation of the facilities underneath Kwun Tong Bypass for arts, culture and creative uses;
- continue to 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;
- continue to co-ordinate Government's efforts and resources for improvement of the environment, including face-lifting of 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 reprovisioning of refuse collection point at Wang Chin Street;
- carry out a review on the overall planning and long-term development of the Choi Hung Road Playground and Sports Centre site;
- continue to 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;
- continue to maintain active dialogues with the community to enhance vibrancy through facilitation of place-making events and activities;
- continue to provide one-stop advisory and co-ordination services for public and private developments to facilitate the transformation of Kowloon East and San Po Kong Business Area; and
- continue to engage major stakeholders and the public in promoting Kowloon East to local and overseas developers and users as an additional CBD.

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

Programme (5): Intra-Governmental Services

	2019–20 (Actual)	2020–21 (Original)	2020–21 (Revised)	2021–22 (Estimate)
Financial provision (\$m)	329.9	416.8	364.1 (–12.6%)	425.9 (+17.0%)
				(or +2.2% on 2020–21 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 2020, the Branch:

- continued to implement strategic initiatives for enhancing project governance;
- continued to uplift project performance and delivery capability through the established Centre of Excellence for Major Project Leaders;
- continued to formulate 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;
- continued to implement various cost management initiatives for public works projects and promote 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;
- steered the preparation for commissioning of Liantang/Heung Yuen Wai Boundary Control Point project;
- facilitated the Airport Authority Hong Kong in formulating a proposal for developing airport-related businesses on 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 study on Sunny Bay reclamation, and the planning and engineering study for Lung Kwu Tan reclamation and the re-planning of Tuen Mun West area;
- 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 Road P1 (Tai Ho – Sunny Bay Section);
- oversaw the investigation and detailed design, and construction of the stage 1 works of the relocation of Sha Tin sewage treatment works to caverns;
- 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 to various increasing land supply initiatives and proposals;

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

- 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, including upskilling local construction manpower, attracting new entrants, promoting innovation and technology, monitoring the construction manpower situation and facilitating workers registration;
- supported the CIC to continue various planning studies for using the existing Tai Po Training Ground to train more high calibre and professional construction practitioners;
- provided financial support for the CIC to expand the CIC Approved Technical Talents Training Programme (CICATP) to cover more trades of keen demand and provide incentives for in-service general workers to become semi-skilled workers;
- encouraged contractors of public works contracts to employ the CICATP trainees, 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 to industry stakeholders to encourage wider adoption of innovative technologies including provision of related training to practitioners;
- 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 and prepared for the implementation of security of payment provisions in public works projects;
- monitored drainage upgrading and rehabilitation works to reduce flooding risk;
- steered the implementation of the concept of “Rivers in the City” through river revitalisation projects and introduction of water bodies rejuvenation facilities;
- continued to review the public works procurement system and oversee the implementation of the enhancement measures;
- worked closely with the CIC for building the capability of subcontractors;
- provided secretariat and support services to the Lantau Development Advisory Committee (LanDAC) which advised the Government on 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;
- 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 policies in enhancing 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;
- continued to steer and support the wider use of Modular Integrated Construction in building projects;

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

- 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;
- steered and monitored the adoption of prefabricated rebar products in the construction industry; and
- steered and monitored the expansion of community treatment facility in AsiaWorld-Expo (AWE) and construction of a temporary hospital adjacent to AWE to cope with the COVID-19 pandemic.

Matters Requiring Special Attention in 2021–22

21 During 2021–22, 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 Construction Leaders Summit 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;
- continue to implement digital works supervision system for public works projects, and implement the integrated capital works platform in phases;
- 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 within budget;
- 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 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 preparation of planning and engineering study on Sunny Bay reclamation, and the planning and engineering study for Lung Kwu Tan reclamation and the re-planning of Tuen Mun West area;
- 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 Road P1 (Tai Ho – Sunny Bay Section);
- continue to oversee the investigation and detailed design, and construction of the stage 1 works and stage 2 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 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;
- continue to steer the investigation and design of the relocation of 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;
- oversee the implementation of the multi-modal EFLS for Kowloon East;
- continue to steer the implementation of the initiatives to facilitate cavern development;
- continue to oversee the provision of infrastructure support to various initiatives and proposals to increase land supply;

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

- 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 continue the planning for and the development of various training activities and facilities at the Tai Po Training Ground to meet the manpower needs of the industry;
- continue to provide financial support for the CIC to operate the CICATP with more trades of keen demand, and implement systematic and structured programmes for the training of semi-skilled and skilled workers and provide incentives for in-service workers to upgrade their skills;
- continue to encourage contractors of public works contracts to employ the CICATP trainees, thereby attracting more young people to join the construction industry;
- continue to make use of the CITF to encourage innovation and wider adoption of technologies including provision of related training to practitioners in the construction 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 and introduce measures, including the adoption of smart safety devices, as well as organise promotional activities to enhance safety performance at public works construction sites;
- continue to monitor and introduce measures as well as organise promotional activities to enhance environmental performance at public works construction sites;
- continue to monitor the implementation of the LEO;
- continue to oversee the implementation 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;
- continue to steer the implementation 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 and monitor the implementation of security of payment provisions in public works projects;
- continue to monitor the implementation of the enhancement measures for the public works procurement system and method;
- continue to support the CIC for building the capability of subcontractors;
- continue to provide secretariat and support services to the LanDAC;
- 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;
- oversee the 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 policies in enhancing 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;
- continue to oversee and monitor the adoption of BIM technology in major government capital works projects and promote the use of this technology in private construction projects; and
- continue to oversee and monitor the adoption of prefabricated rebar products in the construction industry.

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

ANALYSIS OF FINANCIAL PROVISION

	2019–20 (Actual) (\$m)	2020–21 (Original) (\$m)	2020–21 (Revised) (\$m)	2021–22 (Estimate) (\$m)
Programme				
(1) Water Supply	26.3	27.2	35.3	23.3
(2) Heritage Conservation	243.0	295.9	272.4	261.0
(3) Greening, Landscape and Tree Management	64.6	86.1	75.0	105.4
(4) Energizing Kowloon East	44.0	45.4	44.6	46.9
(5) Intra-Governmental Services	329.9	416.8	364.1	425.9
	<u>707.8</u>	<u>871.4</u>	<u>791.4</u> (-9.2%)	<u>862.5</u> (+9.0%)
				(or -1.0% on 2020–21 Original)

Analysis of Financial and Staffing Provision

Programme (1)

Provision for 2021–22 is \$12.0 million (34.0%) lower than the revised estimate for 2020–21. This is mainly due to decreased provision for operating expenses and decreased cash flow requirement for a non-recurrent item.

Programme (2)

Provision for 2021–22 is \$11.4 million (4.2%) lower than the revised estimate for 2020–21. This is mainly due to decreased provision for operating expenses, partly offset by increased provision for filling of vacancies and increased cash flow requirement for a non-recurrent item.

Programme (3)

Provision for 2021–22 is \$30.4 million (40.5%) higher than the revised estimate for 2020–21. This is mainly due to increased provision for filling of vacancies and increased cash flow requirement for a non-recurrent item, partly offset by decreased provision for a net decrease of one post.

Programme (4)

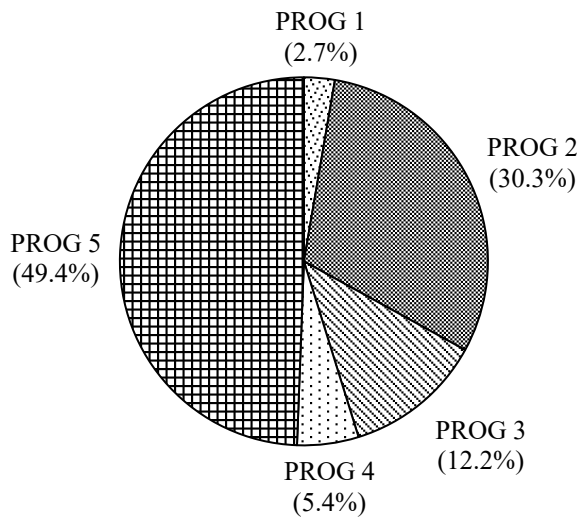
Provision for 2021–22 is \$2.3 million (5.2%) higher than the revised estimate for 2020–21. This is mainly due to the increased provision for personal emoluments and operating expenses.

Programme (5)

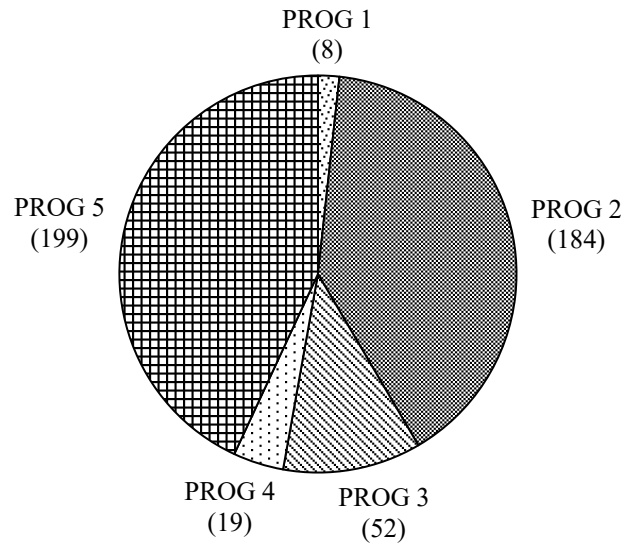
Provision for 2021–22 is \$61.8 million (17.0%) higher than the revised estimate for 2020–21. This is mainly due to increased provision for a net increase of two posts, filling of vacancies and operating expenses, and the increased cash flow requirement for non-recurrent items.

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

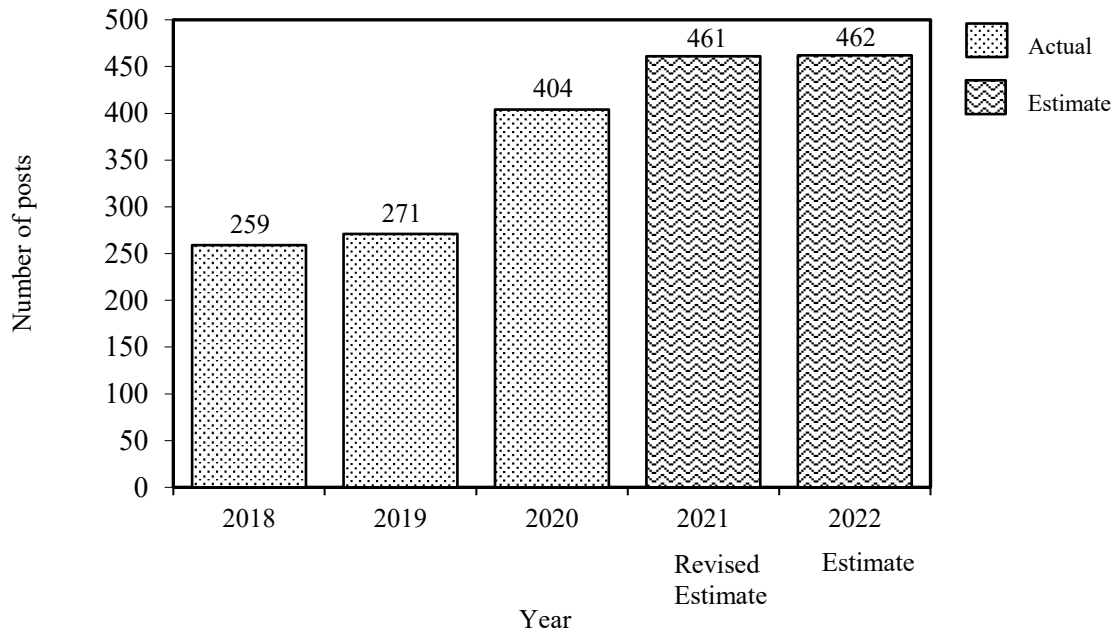
*Allocation of provision
to programmes
(2021-22)*



*Staff by programme
(as at 31 March 2022)*



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



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

Sub-head (Code)	Actual expenditure 2019–20	Approved estimate 2020–21	Revised estimate 2020–21	Estimate 2021–22	
	\$'000	\$'000	\$'000	\$'000	
Operating Account					
Recurrent					
000	Operational expenses	628,636	741,343	709,544	719,041
	Total, Recurrent.....	628,636	741,343	709,544	719,041
Non-Recurrent					
700	General non-recurrent	68,152	111,203	64,873	128,361
	Total, Non-Recurrent.....	68,152	111,203	64,873	128,361
	Total, Operating Account	696,788	852,546	774,417	847,402
Capital Account					
Plant, Equipment and Works					
600	Works	4,913	3,333	3,333	4,000
653	Restoration of historic buildings (block vote)	5,287	8,667	6,800	6,333
661	Minor plant, vehicles and equipment (block vote).....	—	6,000	6,000	4,000
694	Archaeological excavations (block vote).....	790	824	824	798
	Total, Plant, Equipment and Works.....	10,990	18,824	16,957	15,131
	Total, Capital Account.....	10,990	18,824	16,957	15,131
	Total Expenditure	707,778	871,370	791,374	862,533

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

Details of Expenditure by Subhead

The estimate of the amount required in 2021–22 for the salaries and expenses of the Works Branch is \$862,533,000. This represents an increase of \$71,159,000 over the revised estimate for 2020–21 and \$154,755,000 over the actual expenditure in 2019–20.

Operating Account

Recurrent

2 Provision of \$719,041,000 under *Subhead 000 Operational expenses* is for the salaries, allowances and other operating expenses of the Works Branch.

3 The establishment as at 31 March 2021 will be 461 posts including two supernumerary posts. It is expected that there will be a net increase of one post in 2021–22. Subject to certain conditions, the controlling officer may under delegated power create or delete non-directorate posts during 2021–22, but the notional annual mid-point salary value of all such posts must not exceed \$332,582,000.

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

	2019–20 (Actual) (\$'000)	2020–21 (Original) (\$'000)	2020–21 (Revised) (\$'000)	2021–22 (Estimate) (\$'000)
Personal Emoluments				
- Salaries	335,505	393,293	361,046	405,924
- Allowances	7,582	8,150	6,815	6,815
- Job-related allowances.....	21	27	13	17
Personnel Related Expenses				
- Mandatory Provident Fund contribution	866	845	942	880
- Civil Service Provident Fund contribution	20,516	30,841	25,867	35,173
Departmental Expenses				
- Temporary staff.....	122,143	130,498	132,788	123,573
- General departmental expenses	139,755	172,629	178,804	141,645
Other Charges				
- Maintenance of government slopes by Housing Department	838	1,500	1,000	1,000
- Artefacts and museum exhibitions	1,263	3,410	2,069	3,714
Subventions				
- Hong Kong Archaeological Society.....	147	150	200	300
	628,636	741,343	709,544	719,041

Capital Account

Plant, Equipment and Works

5 Provision of \$6,333,000 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.

6 Provision of \$4 million under *Subhead 661 Minor plant, vehicles and equipment (block vote)* represents a decrease of \$2 million (33.3%) against the revised estimate for 2020–21. This is mainly due to the reduced cash flow requirement for replacement of air-conditioning system at Hong Kong Heritage Discovery Centre in 2021–22.

7 Provision of \$798,000 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 (Code)	Item (Code)	Ambit	Approved commitment \$'000	Accumulated expenditure to 31.3.2020 \$'000	Revised estimated expenditure for 2020–21 \$'000	Balance \$'000
<i>Operating Account</i>						
700		<i>General non-recurrent</i>				
	803	Strengthening Cost Management and Uplifting Performance of Public Works Projects.....	75,500	13,224	12,860	49,416
	806	Consultancies for Impact Assessments related to Drinking Water Safety Regulatory Regime	5,000	—	4,500	500
	807	IT Support Services for Strengthening System Coordination and Data Analysis	1,200	—	576	624
	809	Urban Forestry Support Fund.....	200,000	—	3,646	196,354
	810	Enhancements for Training of Construction Workers.....	200,000	—	3,851	196,149
	818	Enhancing the Skill Level of Construction Manpower	100,000	58,289	18,140	23,571
	868	Investing in Construction Manpower	320,000	314,511	3,337	2,152
	870	Conservation and Revitalisation of Historic Buildings.....	200,000	106,952	17,963	75,085
			<u>1,101,700</u>	<u>492,976</u>	<u>64,873</u>	<u>543,851</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	6,256	77	647
	802	Structural repairs to the Enclosing Walls & Corner Watch Towers of Kun Lung Wai, Lung Yeuk Tau, Fanling, New Territories.....	9,850	3,447	—	6,403
	803	Structural repairs to Man Lun Fung Ancestral Hall, San Tin, Yuen Long, New Territories.....	9,000	505	36	8,459
	808	Restoration of Man Mo Temple Compound on Hollywood Road, Sheung Wan.....	9,955	2,245	—	7,710
	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	4,568	908	959
	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 31.3.2020	Revised estimated expenditure for 2020–21	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	3,435	1,847	4,588
887		Major repairs and restoration to Tung Wah Museum, Waterloo Road, Kowloon	4,895	3,732	104	1,059
893		Restoration of Fat Tat Tong in Ha Wo Hang, Sha Tau Kok, New Territories.....	7,953	1,347	210	6,396
898		External restoration and redecorations to the Helena May, Garden Road, Central.....	6,200	5,695	151	354
			<u>98,578</u>	<u>51,344</u>	<u>3,333</u>	<u>43,901</u>
		Total	<u>1,200,278</u>	<u>544,320</u>	<u>68,206</u>	<u>587,752</u>