Head 705—Civil Engineering   Community and External Affairs	Sub- head (Code)	Approved projects	Approved project estimate  \$'000	Actual expenditure to 31.3.2020 \$\frac{\$'000}{}\$	Revised estimate 2020–21 \$'000	Estimate 2021–22 ** ** ** ** ** ** ** ** ** ** ** ** *
Community and External Affairs		Head 705—Civil Engineering				
Recreation, Culture and Amenities—Open spaces   S444RO						
Enhancement Project—construction of a public landing facility		Recreation, Culture and				
Recreation, Culture and Amenities—Sports facilities	5444RO	Enhancement Project— construction of a public landing	164,900	_	5,200	49,200
S258RS   Development of a bathing beach at Lung Mei, Tai Po		Sub-total	164,900		5,200	49,200
Lung Mei, Tai Po.   208,200   145,906   47,583   10,000		Amenities—Sports facilities				
New Territories landfill	5258RS		208,200	145,906	47,583	10,000
Environmental Protection—  Pollution control   Sub-total   Sub-t	5290RS	networks in Mui Wo and	41,600	29,298	6,110	2,830
Environmental Protection—  Pollution control		Sub-total	249,800	175,204	53,693	12,830
Environmental Protection—  Pollution control		Environment				
Sub-total   Sub-		Environmental Protection—				
Environmental Protection—  Refuse disposal	5054DP		89,400	48,864	5,986	3,625
Refuse disposal           5033DR         Development of Northeast New Territories landfill         1,841,000         901,889         39,782         127,247           5041DR         Development of West New Territories landfill         2,675,000         1,719,862         3,400         3,658           5042DR         Development of Southeast New Territories landfill         3,220,000         2,030,193         55,637         27,076           5163DR         Northeast New Territories landfill extension         7,510,000         1,636         180         3,630           5164DR         Southeast New Territories landfill extension         2,101,600         849,215         544,521         82,720           5172DR         Organic waste treatment facilities phase 1         1,589,200         1,405,221         12,955         3,921           5173DR         Organic resources recovery centre		Sub-total	89,400	48,864	5,986	3,625
New Territories landfill         1,841,000         901,889         39,782         127,247           5041DR         Development of West New Territories landfill         2,675,000         1,719,862         3,400         3,658           5042DR         Development of Southeast New Territories landfill         3,220,000         2,030,193         55,637         27,076           5163DR         Northeast New Territories landfill extension         7,510,000         1,636         180         3,630           5164DR         Southeast New Territories landfill extension         2,101,600         849,215         544,521         82,720           5172DR         Organic waste treatment facilities phase 1         1,589,200         1,405,221         12,955         3,921           5173DR         Organic resources recovery centre         1,589,200         1,405,221         12,955         3,921						
New Territories landfill       2,675,000       1,719,862       3,400       3,658         5042DR       Development of Southeast New Territories landfill       3,220,000       2,030,193       55,637       27,076         5163DR       Northeast New Territories landfill extension       7,510,000       1,636       180       3,630         5164DR       Southeast New Territories landfill extension       2,101,600       849,215       544,521       82,720         5172DR       Organic waste treatment facilities phase 1       1,589,200       1,405,221       12,955       3,921         5173DR       Organic resources recovery centre	5033DR		1,841,000	901,889	39,782	127,247
New Territories landfill         5163DR       Northeast New Territories landfill         extension       7,510,000       1,636       180       3,630         5164DR       Southeast New Territories landfill       2,101,600       849,215       544,521       82,720         5172DR       Organic waste treatment facilities phase 1       1,589,200       1,405,221       12,955       3,921         5173DR       Organic resources recovery centre	5041DR		2,675,000	1,719,862	3,400	3,658
extension	5042DR		3,220,000	2,030,193	55,637	27,076
extension	5163DR		7,510,000	1,636	180	3,630
phase 1	5164DR		2,101,600	849,215	544,521	82,720
	5172DR	-	1,589,200	1,405,221	12,955	3,921
	5173DR		2,453,000	117,300	232,530	547,110

Sub- head (Code)	Approved projects	Approved project estimate	Actual expenditure to 31.3.2020	Revised estimate 2020–21	Estimate 2021–22
		\$'000	\$'000	\$'000	\$'000
Civil Engi	ineering				
	Environment—Cont'd.				
	Environmental Protection— Refuse disposal—Cont'd.				
5174DR	Refurbishment and modification of Island West transfer station	99,700	84,097	210	276
5175DR	Refurbishment and modification of West Kowloon transfer station	105,400	95,243	4,342	105
5177DR	Integrated waste management facilities phase 1	19,203,700	4,342,763	1,708,080	1,667,840
5180DR	Development of waste electrical and electronic equipment treatment and recycling facility	548,600	450,131	4,000	1,509
5181DR	West New Territories landfill extension—consultants' fees and investigations	38,000	9,687	2,150	1,568
5183DR	Refurbishment and upgrading of Sha Tin transfer station	137,100	126,186	750	4,500
	Sub-total	41,522,300	12,133,423	2,608,537	2,471,160
	Environmental Protection— Sewerage and sewage treatment				
5233DS	Sludge treatment facilities	5,364,300	5,173,055	16,500	23,055
	Sub-total	5,364,300	5,173,055	16,500	23,055
	Infrastructure				
	Civil Engineering—Drainage and erosion protection				
5168CD	Liantang/Heung Yuen Wai Boundary Control Point and associated works—regulation of Shenzhen River stage IV	595,100	208,746	9,800	5,000
	Sub-total	595,100	208,746	9,800	5,000

Sub- head (Code)	Approved projects	Approved project estimate	Actual expenditure to 31.3.2020	Revised estimate 2020–21	Estimate 2021–22
		\$'000	\$'000	\$'000	\$'000
Civil Eng	ineering				
	Infrastructure—Cont'd.				
	Civil Engineering— Land development				
5729CL	Disposal of contaminated sediment—dredging, management and capping of sediment disposal facility at Sha Chau	770,900	362,303	22,950	25,400
5762CL	Site formation and associated infrastructural works for development of columbarium, crematorium and related facilities at Sandy Ridge Cemetery—detailed design and site investigation	66,400	49,214	960	585
5767CL	Planning and engineering study for Lung Kwu Tan reclamation and the re-planning of Tuen Mun West area	Cat. B	_	_	1,690 †
5768CL	Studies related to artificial islands in the Central Waters	550,400	_	_	9,040
5769CL	Pilot study on underground space development in selected strategic urban areas	70,000	45,490	2,120	5,460
5782CL	Engineering study on Road P1 (Tai Ho - Sunny Bay section)	Cat. B	_	_	5,500 †
5816CL	Site formation and associated infrastructural works for development of columbarium at Sandy Ridge Cemetery	1,849,600	547,471	227,920	161,547
5841CL	Site formation and associated infrastructural works for development of columbarium at the western end of Sham Shui Kok Drive in Tsuen Wan	Cat. B	_	_	100 †
	Sub-total	3,307,300	1,004,478	253,950	209,322

Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$179,000,000 is planned to start in the third quarter of the 2021-22 financial year, with an estimated expenditure of \$1,690,000 in 2021-22. †5767CL Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$130,200,000 is planned to start in the first quarter of the 2021-22 financial year, with an estimated expenditure of \$5,500,000 in 2021-22. †5782CL

Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$182,000,000 is planned to start in the third quarter of the 2021-22 financial year, with an estimated expenditure of \$100,000 in 2021-22. †5841CL

Sub- head (Code)	Approved projects	Approved project estimate	Actual expenditure to 31.3.2020	Revised estimate 2020–21	<b>Estimate 2021–22</b>
		\$,000	\$'000	\$'000	\$'000
Civil Engi	ineering				
	Infrastructure—Cont'd.				
	Civil Engineering—Multi-purpose				
5045CG	District Cooling System at the Kai Tak development	4,945,500	3,776,210	310,000	110,000
5049CG	The District Cooling System for Tung Chung New Town Extension (East)	Cat. B	_	_	<b>75,900</b> †
5050CG	Provision of an additional District Cooling System at the Kai Tak Development	4,269,300	_	118,320	1,055,830
5051CG	District Cooling System at the Kwu Tung North New Development Area	Cat. B	_	_	127,100 †
5052CG	Greening master plans for the Southwest and Northeast New Territories—priority greening works	367,600	_	11,000	46,000
	Sub-total	9,582,400	3,776,210	439,320	1,414,830
	Support—Boundary facilities (other than road works)				
5017GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works—detailed design and ground investigation	265,800	229,416	300	720
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works—site formation and infrastructure works	24 972 100	10 814 526	474,000	135,999
		24,973,100	19,814,526		
	Sub-total	25,238,900	20,043,942	474,300	136,719

<sup>†5049</sup>CG Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$3,918,200,000 is planned to start in the first quarter of the 2021–22 financial year, with an estimated expenditure of \$75,900,000 in 2021–22.

<sup>†5051</sup>CG Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$5,787,700,000 is planned to start in the second quarter of the 2021–22 financial year, with an estimated expenditure of \$127,100,000 in 2021–22.

Sub- head (Code)	Approved projects	Approved project estimate	Actual expenditure to 31.3.2020	Revised estimate 2020–21	Estimate 2021–22
		\$'000	\$'000	\$'000	\$'000
Civil Engi	neering				
	Infrastructure—Cont'd.				
	Transport—Ferry piers				
5051TF	Reconstruction of Pak Kok Pier on Lamma Island	72,400	_	19,000	19,830
5058TF	Improvement works at Kau Sai Village Pier	Cat. B	_	_	2,080 †
5059TF	Improvement works at Lai Chi Chong Pier	Cat. B	_	_	2,288 †
	Sub-total	72,400		19,000	24,198
	Transport—Footbridges/ pedestrain tunnels				
5193TB	Construction of subway in support of the provision of columbarium at On Hing Lane, Shek Mun, Shatin	227,400	_	3,740	36,644
	Sub-total	227,400		3,740	36,644
	Block allocations				
5001BX	Landslip preventive measures	_	_	1,110,000	1,160,000
5101CX	Civil engineering works, studies and investigations for items in Category D of the Public Works Programme	_	_	351,820	426,760
5101DX	Environmental works, studies and investigations for items in Category D of the Public Works Programme	_	_	46,955	96,740
	Sub-total			1,508,775	1,683,500
	Works completed, cancelled or curtailed	_	_	10,591	_
	Head 705: total	86,414,200	42,563,922	5,409,392	6,070,083

<sup>†5058</sup>TF Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$77,800,000 is planned to start in the third quarter of the 2021–22 financial year, with an estimated expenditure of \$2,080,000 in 2021–22.

<sup>†5059</sup>TF Subject to funding approval of the Finance Committee, the project at a rough order of cost of \$108,800,000 is planned to start in the third quarter of the 2021–22 financial year, with an estimated expenditure of \$2,288,000 in 2021–22.