Appendix B
City of Richmond Hill
2021 Draft Ten Year Capital Forecast
Corporate Summary by Categories & Projects

	2020 Approved Budget	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast	Draft 2021-2030 Capital Forecast
R&R												
EIS												
Design & Construction												
Roads	1,296,800	5,171,200	4,611,400	5,074,300	6,377,300	11,993,800	8,944,900	11,112,100	8,214,700	9,186,600	4,037,900	74,724,200
Parks	1,419,300	3,158,346	9,489,039	3,953,507	6,754,305	7,988,158	5,477,695	7,186,479	11,981,366	10,155,661	3,926,081	70,070,637
Watermain / Sanitary Replacement	492,500	12,121,000	5,554,800	10,423,500	9,058,400	7,272,400	6,566,600	6,972,500	3,099,500	3,265,300	4,477,500	68,811,500
Storm Water Management & Water Resources	5,562,400	150,000	145,000	3,619,300	1,413,400	5,636,200	3,229,000	3,822,400	4,451,700	1,818,000	-	24,285,000
Sidewalks & Trails	157,500	528,500	2,436,700	3,848,800	2,582,200	2,045,100	2,141,700	483,800	483,800	483,800	483,800	15,518,200
Illumination & Other Projects	-	590,400	2,646,500	1,524,700	1,660,900	1,954,100	1,947,100	1,253,400	1,105,500	987,000	673,900	14,343,500
Parking Lots - Civil	-	-	-	-	258,200	745,500	1,774,400	-	-	-	-	2,778,100
Parking Lots - Illumination	-	-	-	-	8,200	37,700	56,400	-	-	-	-	102,300
Facility Design, Construction & Maintenance Services	6,200,000	7,840,000	7,554,000	7,329,000	7,329,000	7,329,000	7,329,000	7,329,000	7,329,000	7,329,000	7,329,000	74,026,000
CSD												
Fire & Emergency Services												
Fire Vehicles	470,000	275,000	1,670,000	915,000	970,000	950,000	2,120,000	1,340,000	1,895,000	115,000	500,000	10,750,000
Equipment	73,200	195,000	195,000	425,000	345,000	995,000	210,000	215,000	245,000	380,000	215,000	3,420,000
Training Tower Prop	-	-	-	-	-	-	-	-	200,000	-	-	200,000
Public Works Operations												
Road Overlay Program	4,300,000	-	2,000,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	36,400,000
Fleet	830,000	1,470,000	1,415,000	1,297,000	1,309,300	1,276,000	1,310,000	1,325,000	1,585,000	1,855,000	1,670,000	14,512,300
Park Equipment	-	721,100	1,008,100	1,278,900	1,347,200	1,576,500	2,479,400	2,407,200	506,500	641,100	1,300,000	13,266,000
Sediment Removal & Disposal from Stormwater Facility Forebays	-	492,000	8,500	1,263,000	461,000	-	-	833,000	-	353,000	-	3,410,500
Parks Maintenance & Operations	-	154,500	1,800,500	50,000	54,500	280,000	30,000	74,500	350,000	50,000	54,500	2,898,500
Bridge & Culvert Maintenance	-	115,000	175,000	125,000	285,000	285,000	285,000	100,000	100,000	100,000	100,000	1,670,000
Parking Lot Rehabilitation & Maintenance Program		125,000	125,000	125,000	150,000	150,000	175,000	175,000	200,000	200,000	200,000	1,625,000
Other	-	266,900	196,900	16,900	243,500	120,900	120,900	196,900	16,900	39,500	16,900	1,236,200
(street, parks and parking lot poles)	-	640,000	-	-	-	-	-	-	-	-	-	640,000
Recreation & Culture												
Theatre Equipment	-	42,400	43,700	45,000	46,400	47,800	49,200	50,700	52,200	53,800	55,400	486,600
Arena Equipment	-	42,400	42,400	42,400	42,400	42,400	42,400	42,400	42,400	42,400	42,400	424,000
Facilities Equipment	38,500	42,400	42,400	42,400	42,400	42,400	42,400	42,400	42,400	42,400	42,400	424,000
Water & Waste Water												
Emergency Generators & Pumps	638,200	405,000	-	145,000	-		155,000					705,000
CFS												
Information Technology												
Foundational Projects	-	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	12,000,000
Replacements - Advanced Meter Infrastruture (AMI) Pilot	225,000	1,350,000	225,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	225,000	2,115,000
Hardware/Software	1,033,700	-	-	-	-	-	-	-	-	-	-	-
Revenue Services - Water Meters												
Water Meter - Replacements	536,800	443,983	119,262	68,515	184,693	126,302	133,121	202,245	290,627	351,824	604,451	2,525,024
LIB												
Existing Capital Projects												
Collection Development	141,600	1,236,700	1,273,800	1,312,000	1,351,400	1,392,000	1,433,800	1,476,800	1,521,100	1,566,700	1,613,700	14,178,000
Furniture & Equipment	250,000	707,300	817,700	945,200	1,092,700	1,263,200	1,460,300	1,688,100	1,951,400	2,255,800	2,607,600	14,789,300
PRS												
Infrastructure Delivery Services												

Drainage and Road Improvements	152,700	-	-	-	-	-	-	-	-	-	-	-
Total R&R	**23,818,200**	**39,484,129**	**44,795,701**	**49,414,422**	**48,912,398**	**59,094,459**	**53,058,316**	**53,873,924**	**51,209,094**	**46,816,885**	**35,675,532**	**482,334,861**

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Growth												
EIS												
Design & Construction												
Roads	2,043,100	2,857,000	16,111,600	7,561,600	2,319,000	10,612,400	9,427,300	20,918,000	13,764,100	7,564,300	20,560,600	111,695,900
Parks	594,600	989,900	11,095,900	8,254,500	7,406,648	10,746,963	5,254,035	5,312,513	1,627,000	378,047	1,452,693	52,518,200
Flood Remediation	-	-	-	-	-	-	11,969,500	-	-	-	18,200,000	30,169,500
Infrastructure	541,300	-	-	-	-	-	-	-	-	-	-	-
Illumination & Other Projects	1,059,800	-	-	-	-	-	-	-	-	-	-	-
Sidewalks & Trails	1,998,000		890,600	-	-	-	-	-	-	-	-	890,600
Watermain / Sanitary Replacemen	612,600	-	-	-	-	-	-	-	-	-	-	-
Facility Design, Construction & Maintena	-	-	-	-	-	-	-	5,262,500	-	-	-	5,262,500
Corporate Asset Management Strategy	350,000	150,000	-	-	-	-	-	-	-	-	-	150,000
CSD												
Fire & Emergency Services												
Master Plans & Strategies	150,000	50,000	-	-	-	150,000	-	-	-	-	150,000	350,000
Fleet	-	-	-	50,000	-	-	-	-	-	50,000	-	100,000
Equipment	-	-	-	-	-	-	-	-	-	-	1,000,000	1,000,000
Station VII	-	-	-	5,000,000	1,300,000	-	-	-	-	-	-	6,300,000
Public Works Operations												
Fleet	320,000	385,000	-	-	-	-	-	-	-	-	-	385,000
Fleet Equipment			391,800	399,600	407,600	415,800	424,000	463,700	476,200	485,700	495,300	3,959,700
Park Equipment		30,000	30,000	30,000	30,000	120,000	30,000	155,000	30,000	30,000	30,000	515,000
Park Fleet			250,000	429,500	115,500	125,000	125,000	90,000	275,000	90,000	509,500	2,009,500
Parks Maintenance & Operations	-	30,000	30,000	-	-	-	-	-	-	-	-	60,000
Roads & Traffic Operations	340,000	-	-	-	-	-	-	-	-	-	-	-
Storm Water Management & Water Resources	-	76,000	-	-	-	-	-	-	-	-	-	76,000
Other Studies	-	-	-	-	-	20,000	-	-	-	20,000	-	40,000
Recreation & Culture												
North Leslie Multi-Purpose Recreational Facility	-	-	5,000,000	9,000,000	-	66,000,000	-	-	-	-	-	80,000,000
Air Support Facilities	-	-	1,480,000	6,280,000	2,400,000	-	-	-	-	-	-	10,160,000
Theatre Equipment	-	-	130,000	20,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	700,000
Events Services - Parks Opening	-	5,000	18,000	5,000	5,000	5,000	-	13,000	-	-	-	51,000
Community Garden Start-up	16,600	-	-	-	-	-	-	-	-	-	-	-
Master Plans & Strategies	150,000	-	-	-	-	-	-	-	-	-	-	-
Water & Waste Water												
Inflow & Infiltration Reduction Prog	-	80,000	160,000	-	-	-	160,000	-	-	-	-	400,000
PRS												
Development Engineering												
Environmental Assessments (EA)	-	800,000	300,000	300,000	-	-	-	-	300,000	-	-	1,700,000
Infrastructure	-	468,100	468,100	468,100	468,100	768,100	468,100	768,100	468,100	468,100	468,100	5,281,000
Master Plans & Strategies	448,000	-	-	-	1,300,000	-	-	-	-	1,300,000	-	2,600,000
Other Studies	-	-	50,000	-	-	50,000	-	-	50,000	-	-	150,000
Program	70,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Policy Planning												
Master Plans & Strategies	150,000	-	150,000	-	-	50,000	-	-	-	-	625,000	825,000
Other Studies	-	-	100,000	-	100,000	-	100,000	-	100,000	-	100,000	500,000
Development Planning												
Program	350,000	500,000	500,000	500,000	-	-	-	-	-	-	-	1,500,000
CFS												

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Financial Services	-	-	-	-	-	-	-	-	-	-	-	
DC Background Study	-	-	-	300,000	-	-	-	-	300,000	-	-	600,000
Land Appraisals	-	-	-	25,000	-	-	-	-	25,000	-	-	50,000
Information Technology												
Digital & Smart City Program	-	100,000	1,800,000	2,150,000	2,000,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	19,850,000
Business Application Evolutions	400,000	600,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	11,400,000
Hardware/Software	1,000,000	1,350,000	580,000	-	-	-	-	-	-	-	-	1,930,000
IT Security Program	50,000	150,000	150,000	-	-	-	-	-	-	-	-	300,000
Master Data Management	-	250,000	-	-	-	-	-	-	-	-	-	250,000
Revenue Services - Water Meters												
Water Meter - New Installations	414,500	247,716	247,716	247,716	247,716	247,716	247,716	247,716	247,716	247,716	247,716	2,477,162
LIB												
Central Library Expansion	-	-	-	107,000	2,735,400	5,884,000	3,729,100	411,100				12,866,600
Collection Development	345,600	356,000	366,700	377,700	389,000	400,700	412,700	425,100	437,900	451,000	464,500	4,081,300
Furniture & Equipment	160,000	218,700	225,300	232,100	239,100	246,300	253,700	261,300	269,100	277,100	285,300	2,508,000
Master Plans & Strategies	-	50,000	-	-	-	-	50,000	-	-	-	-	100,000
New RH Centre Library	-	-	100,000	1,250,000	7,996,000	-	-	-	-	-	-	9,346,000
Richmond Green Library Expansion	-	-	-	-	-	-	100,000	1,250,000	6,532,000	-	-	7,882,000
												-
Total Growth	**11,564,100**	**9,793,416**	**41,875,716**	**44,237,816**	**30,759,064**	**99,441,979**	**36,351,151**	**39,178,029**	**28,502,116**	**14,961,964**	**48,388,710**	**393,489,962**
Total Forecast	**35,382,300**	**49,277,546**	**86,671,417**	**93,652,238**	**79,671,462**	**158,536,439**	**89,409,468**	**93,051,953**	**79,711,210**	**61,778,849**	**84,064,242**	**875,824,822**