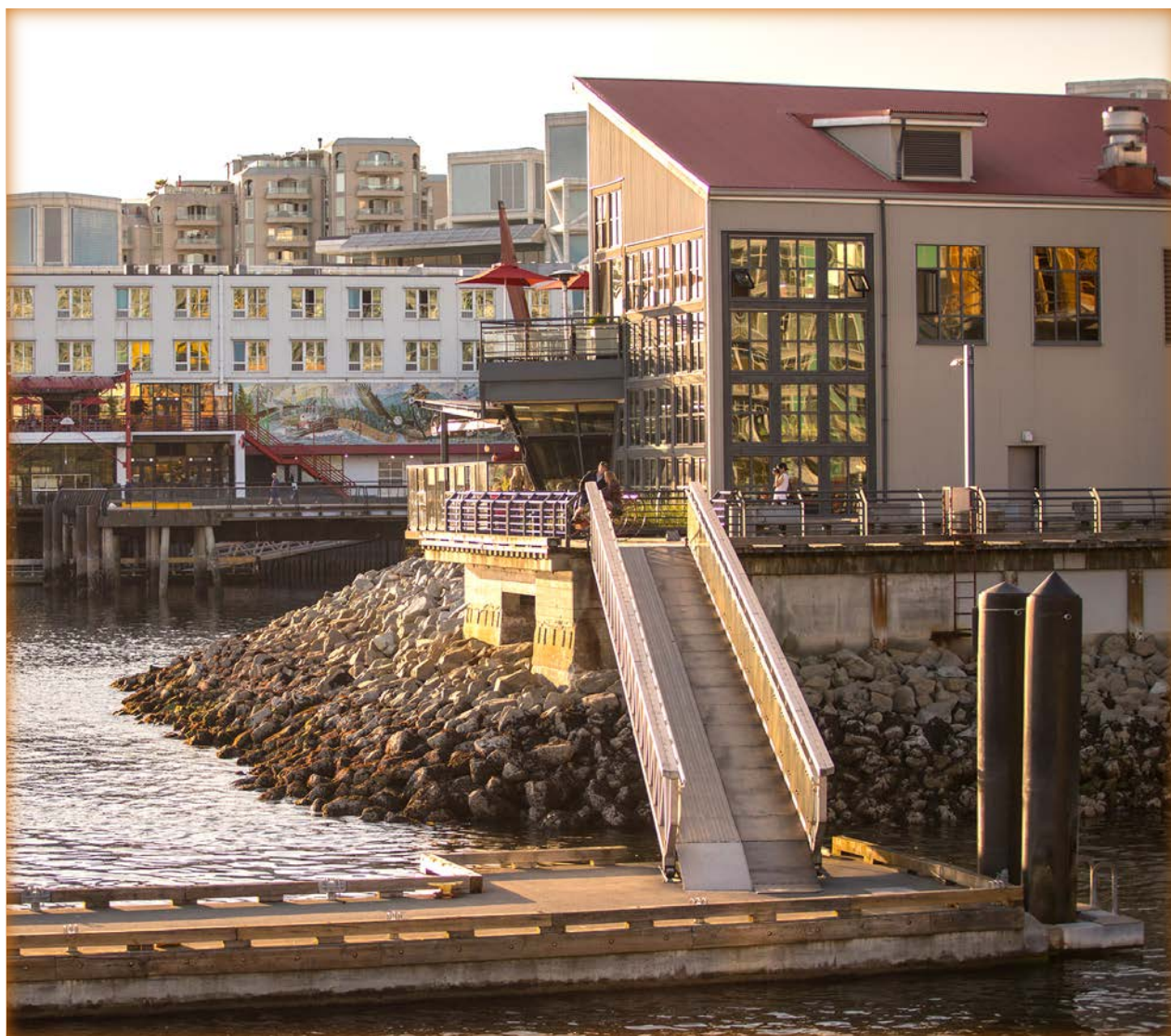

2019 - 2028 Draft Preliminary Project Plan

FEBRUARY 11, 2019 | FINANCE DEPARTMENT



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Table of Contents

2019-2028 Project Plan

Basic Assumptions.....	1
Structure of the Plan	2
Project Types	3
Project Plan Summary	4
Projects Funded Matched to Funding Sources.....	5-7
Land and Major Investments.....	8
Buildings	9-11
Structures Summary	12
Transportation and Streets	13-17
Parks and Environment.....	18-19
Public Art.....	20
Equipment Summary	21
General Equipment.....	22
Information Technology	23-24
Engineering Equipment.....	25
Fire Equipment.....	26
Block Funding, On-Going Programs, One-Time Studies	27-29
Reserves and Other Funding.....	30-37

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Basic assumptions underlying the Plan include:

1. When provided, costs are based upon the best currently available information, and this means that some of the costs are more accurate than others. Factors affecting accuracy include the level of detailed planning which has been completed for the individual projects and plans, and the timing of the projects. In general, 2019 costs are more accurate than costs for future years.
2. There is an important exception. An estimated cost for Harry Jerome Redevelopment and Renewal will not be known until the scope of the project has been determined. The amount included in the Plan is a "placeholder" indicating the amount of funding the City may be able to provide toward the projects, assuming priorities are not changed.

Forecast Assumptions

3. The Plan reflects the current forecast for the budget year, and provides an allocation basis for subsequent year-to-year funding. Only the current year budgets will be used to appropriate funds; the subsequent years' budgets will be revised in the following years' Plans.
4. The Plan reflects the City's longstanding practice of using internal reserves as the basis for financing. The Plan is therefore sensitive to interest rate and reserve contribution fluctuations (including contributions from land sales), and also reflects the necessity to postpone projects until reserve funds are sufficient to support them.
5. The City currently has no debt, and there is no borrowing forecast in the Plan.

Contribution Assumptions

6. Contributions include amounts anticipated through fundraising and other private contributions, including those provided by developers, as well as contributions from senior levels of government, where these may be available.
7. Anticipated contributions from outside sources are shown as a source of funds for projects in the Plan, where it is reasonable to anticipate receipt of the funds. However, it should be noted that, for projects funded by contributions, the project scope as envisioned cannot be guaranteed if the contributions are not forthcoming.

Structure of the Plan

The materials included provide summary information, followed by complete detailed listings of all projects included in the Plan.

Projects are grouped into ten categories as follows:

1. Land and Major Investments;
2. Buildings;
3. Structures – Streets and Transportation;
4. Structures – Parks and Environment;
5. Structures – Public Art;
6. Equipment – General;
7. Equipment – Information Technology;
8. Equipment – Engineering;
9. Equipment – Fire; and
10. Block Funding, On-Going Programs and Other Projects.

It should also be noted that, the 10 sections are further summarized into four additional categories. The Plan information is summarized into those four categories on page 4 of the Plan:

1. Land/Major Investments - Section 1
2. Buildings - Section 2
3. Structures - Sections 3 to 5
4. Equipment - Sections 6 to 10

Project Types

Projects have been grouped into six project types, which are identified in the top right-hand corner of each project sheet:

1. Maintenance & Replacement;
2. Ongoing Program;
3. Provision;
4. Major Renovation;
5. New Capital Asset; and
6. Other Projects

It is the City's long-standing policy to place the maintenance of existing infrastructure as a first priority, and to only take on new facilities and programs when both an operating and capital source of funds sufficient to ensure successful completion and maintenance of facilities and ongoing program delivery can be identified. Based on this premise, and given the fact that there is generally little discretion about funding basic maintenance projects, the projects identified as "Maintenance & Replacement" are considered as being part of the Base Program. Also included in the Base Program are ongoing programs such as the annual allocation of \$85,000 to public art.

Provisions are included in the plan to provide Council with some flexibility to fund projects from various designated sources of funding are also included in the Base Program. Such provisions can only be appropriated after a project has been identified and approved by Council. These projects are mainly colour coded in Green at the top right-hand corner of the project sheets, as well as in the left-hand column of the detailed project listings following each tab. Because the priorities for maintenance are based primarily on condition and requirements of the infrastructure, these projects have been so coded by the respective Project Manager and funding for those projects has been identified.

Projects in the Major Renovation, New Capital Assets, and Other Projects categories would provide new facilities and/or new levels of service to the community. These projects have been colour coded in Blue or in Red in the left-hand column of the detailed project listings as well as in the top right-hand corner of the project sheets. Blue projects are those that have a dedicated source of funding in conformity with the terms of reference of the reserve bylaws. Red projects are projects that do not have a dedicated source of funding and for which a source of funding remains to be identified. Please note some maintenance and replacement projects have been colour coded Blue if they have a dedicated source of funds, for example, the Justice Administration Building Reserve. Council will be asked to rank Amenity and non-infrastructure projects.

A summary of the total value, including external funding, of base program projects vs. non-base program projects is as follows:

10 Year Summary (Excluding Utilities)

Section	Base Program	Dedicated Funds	New Initiatives	Total
1 - Land & Major Investments	\$ -	\$ 31,500,000	\$ -	\$ 31,500,000
2 - Buildings	10,071,036	191,430,113	10,904,400	212,405,548
3 - Streets & Transportation	30,170,000	28,407,941	22,000,259	80,578,200
4 - Parks & Environment	11,051,000	1,930,500	16,619,500	29,601,000
5 - Public Art	-	900,000	-	900,000
6 - General Equipment	4,120,077	1,092,173	-	5,212,250
7 - IT Equipment	4,185,431	264,925	5,058,000	9,508,356
8 - Engineering Equipment	70,000	7,404,000	50,000	7,524,000
9 - Fire Equipment	6,010,000	-	-	6,010,000
10 - Block Funding, Ongoing Progr, Other Projects	7,437,856	1,303,637	2,612,600	11,354,093
TOTAL	\$ 73,115,399	\$ 264,233,289	\$ 57,244,759	\$ 394,593,447

2019 - 2028 PROJECT PLAN SUMMARY

	2019	2020	2021	2022	2023	2024-2028	TOTAL
LAND/MAJOR INVESTMENTS							
Funding Requested	28,800,000	300,000	300,000	300,000	300,000	\$1,500,000	\$31,500,000
City Funding	13,800,000	300,000	300,000	300,000	300,000	1,500,000	16,500,000
Contributions	15,000,000	-	-	-	-	-	15,000,000
Funded Amount	28,800,000	300,000	300,000	300,000	300,000	1,500,000	31,500,000
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BUILDINGS							
Funding Requested	\$ 21,292,288	\$ 161,124,440	\$ 4,447,335	\$ 16,723,610	\$ 5,494,795	\$3,323,080	\$212,405,548
City Funding	21,115,486	160,504,126	4,089,186	17,080,960	5,384,643	3,082,495	211,256,895
Contributions	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
Funded Amount	21,292,288	160,666,940	4,436,635	17,181,110	5,505,495	3,323,080	212,405,548
Funding Excess (Shortfall)	\$0	(\$457,500)	(\$10,700)	\$457,500	\$10,700	\$0	\$0
STRUCTURES							
Funding Requested	\$ 15,073,400	\$ 22,308,400	\$ 23,463,400	\$ 9,994,000	\$ 11,174,000	\$29,066,000	\$111,079,200
City Funding	11,322,334	12,503,550	16,059,000	9,404,450	11,809,000	28,616,000	89,714,334
Contributions	3,751,066	8,924,400	6,669,400	1,470,000	100,000	450,000	21,364,866
Funded Amount	15,073,400	21,427,950	22,728,400	10,874,450	11,909,000	29,066,000	111,079,200
Funding Excess (Shortfall)	\$0	(\$880,450)	(\$735,000)	\$880,450	\$735,000	\$0	\$0
EQUIPMENT							
Funding Requested	\$ 5,415,143	\$ 6,457,970	\$ 4,781,867	\$ 2,924,717	\$ 3,011,167	\$ 17,017,835	\$ 39,608,699
City Funding	4,970,638	4,017,820	3,544,617	4,448,552	4,168,079	16,057,583	37,207,287
Contributions	444,505	340,150	239,250	181,245	236,008	960,252	2,401,412
Funded Amount	5,415,143	4,357,970	3,783,867	4,629,797	4,404,087	17,017,835	39,608,699
Funding Excess (Shortfall)	\$0	(\$2,100,000)	(\$998,000)	\$1,705,080	\$1,392,920	\$0	\$0
GENERAL CAPITAL TOTALS							
FUNDING REQUESTED	\$ 70,580,831	\$190,190,810	\$32,992,602	\$29,942,327	\$19,979,962	\$50,906,915	\$394,593,447
CITY FUNDING	51,208,458	177,325,495	23,992,802	31,233,961	21,661,722	49,256,078	354,678,515
CONTRIBUTIONS	19,372,373	9,427,365	7,256,100	1,751,396	456,860	1,650,837	39,914,932
FUNDING EXCESS (SHORTFALL)	\$0	(\$3,437,950)	(\$1,743,700)	\$3,043,030	\$2,138,620	\$0	\$0

2019 - 2028 PROJECT PLAN

PROJECTS FUNDED MATCHED TO FUNDING SOURCES

	2019	2020	2021	2022	2023	2024-2028	TOTAL
LAND & MAJOR INVESTMENTS - TAB 1							
Various Land Acquisitions	3,500,000	-	-	-	-	-	3,500,000
Parks Acquisition	10,000,000	-	-	-	-	-	10,000,000
Major Investments	15,200,000	200,000	200,000	200,000	200,000	1,000,000	17,000,000
Cemetery	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
Funding Requested	\$ 28,800,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000	\$ 31,500,000
City Funding Provided							
TSL Principal	3,500,000	-	-	-	-	-	3,500,000
Parks DCC Reserve	9,900,000	-	-	-	-	-	9,900,000
General Reserve	100,000	-	-	-	-	-	100,000
Affordable Housing Reserve	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
Cemetery Development Reserve	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
City Funding Provided	13,800,000	300,000	300,000	300,000	300,000	1,500,000	16,500,000
Contributions	15,000,000	-	-	-	-	-	15,000,000
Total Funding Provided	28,800,000	300,000	300,000	300,000	300,000	1,500,000	31,500,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BUILDINGS - TAB 2							
Capital Maintenance							
Funding Requested	\$ 1,931,130	\$ 1,846,610	\$ 1,854,635	\$ 970,660	\$ 694,795	\$ 3,323,080	\$ 10,620,910
City Funding Provided							
Annual Budget	1,583,094	799,719	1,507,186	870,510	573,943	3,082,495	8,416,946
TSL Interest	-	884,077	-	-	-	-	884,077
Justice Administration Building Reserve	51,234	-	-	-	-	-	51,234
Civic Amenity	120,000	-	-	-	-	-	120,000
City Funding Provided	1,754,328	1,683,796	1,507,186	870,510	573,943	3,082,495	9,472,257
Contributions	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
Total Funding Provided	1,931,130	1,846,610	1,854,635	970,660	694,795	3,323,080	10,620,910
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Major Renovation Requirements							
Funding Requested	\$ 14,747,370	\$ 157,475,330	\$ 2,407,000	\$ 15,437,200	\$ -	\$ -	\$ 190,066,900
City Funding Provided							
Annual Budget	-	200,000	-	-	-	-	200,000
Civic Amenity Fund	14,547,370	157,275,330	2,407,000	15,437,200	-	-	189,666,900
General Reserve	200,000	-	-	-	-	-	200,000
City Funding Provided	14,747,370	157,475,330	2,407,000	15,437,200	-	-	190,066,900
Contributions	-	-	-	-	-	-	-
Total Funding Provided	14,747,370	157,475,330	2,407,000	15,437,200	-	-	190,066,900
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed New Projects							
Funding Requested	4,613,788	1,802,500	185,700	315,750	4,800,000	-	11,717,738
City Funding Provided							
Annual Budget	-	-	-	-	4,800,000	-	4,800,000
Tax Sale Land Principal	198,779	-	-	457,500	10,700	-	666,979
TSL Interest	687,869	-	-	240,750	-	-	928,619
Civic Amenity Fund	2,718,000	1,345,000	175,000	75,000	-	-	4,313,000
General Building	62,787	-	-	-	-	-	62,787
Parking Reserve Fund	120,000	-	-	-	-	-	120,000
Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
General Reserve	736,794	-	-	-	-	-	736,794
City Funding Provided	4,613,788	1,345,000	175,000	773,250	4,810,700	-	11,717,738
Contributions	-	-	-	-	-	-	-
Total Funding Provided	4,613,788	1,345,000	175,000	773,250	4,810,700	-	11,717,738
Excess Funding (Shortfall)	-	(\$457,500)	(\$10,700)	\$457,500	\$10,700	\$0	\$0
TOTAL Buildings							
Requirements	\$ 21,292,288	\$ 161,124,440	\$ 4,447,335	\$ 16,723,610	\$ 5,494,795	\$ 3,323,080	\$ 212,405,548
City Funding Provided	21,115,486	160,504,126	4,089,186	17,080,960	5,384,643	3,082,495	211,256,895
Contributions	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	(\$457,500)	(\$10,700)	\$457,500	\$10,700	\$0	\$0

2019 - 2028 PROJECT PLAN

PROJECTS FUNDED MATCHED TO FUNDING SOURCES

	2019	2020	2021	2022	2023	2024-2028	TOTAL
STRUCTURES							
STREETS MASTER PLAN - TAB 3							
Funding Requested	\$ 13,649,400	\$ 17,849,400	\$ 19,159,400	\$ 6,675,000	\$ 4,115,000	\$ 19,130,000	\$ 80,578,200
City Funding Provided							
Annual Budget	1,385,000	2,202,762	2,615,708	3,140,000	2,560,000	13,136,250	25,039,720
TSL Interest	-	-	1,179,743	880,450	735,000	-	2,795,193
Civic Amenity Fund	4,403,759	4,101,250	5,298,950	1,398,950	670,150	2,060,050	17,933,109
Infrastructure Fund	485,346	460,000	460,000	200,000	200,000	1,000,000	2,805,346
LAS Fund	500,000	-	-	-	-	-	500,000
Transportation DCCs	1,489,125	663,300	1,381,050	391,050	509,850	2,108,700	6,543,075
Sustainable Transportation	45,450	100,000	182,981	-	-	-	328,431
Carbon Fund	75,000	75,000	186,260	75,000	75,000	375,000	861,260
General Reserve	1,514,654	442,238	450,308	-	-	-	2,407,200
City Funding Provided	9,898,334	8,044,550	11,755,000	6,085,450	4,750,000	18,680,000	59,213,334
Contributions	3,751,066	8,924,400	6,669,400	1,470,000	100,000	450,000	21,364,866
Total Funding Provided	13,649,400	16,968,950	18,424,400	7,555,450	4,850,000	19,130,000	80,578,200
Excess Funding (Shortfall)	\$0	(\$880,450)	(\$735,000)	\$880,450	\$735,000	\$0	\$0
PARKS MASTER PLAN- TAB 4							
Funding Requested	\$ 1,289,000	\$ 4,374,000	\$ 4,219,000	\$ 3,234,000	\$ 6,974,000	\$ 9,511,000	\$ 29,601,000
City Funding Provided							
Annual Budget	689,000	1,774,000	519,000	284,000	474,000	7,311,000	11,051,000
Civic Amenity Fund	550,500	1,931,750	2,487,250	2,950,000	6,500,000	2,200,000	16,619,500
Parks DCC Fund	49,500	668,250	1,212,750	-	-	-	1,930,500
City Funding Provided	1,289,000	4,374,000	4,219,000	3,234,000	6,974,000	9,511,000	29,601,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	1,289,000	4,374,000	4,219,000	3,234,000	6,974,000	9,511,000	29,601,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PUBLIC ART PROGRAM - TAB 5							
Funding Requested	\$ 135,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 900,000
City Funding Provided							
Public Art Fund	135,000	85,000	85,000	85,000	85,000	425,000	900,000
City Funding Provided	135,000	85,000	85,000	85,000	85,000	425,000	900,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	135,000	85,000	85,000	85,000	85,000	425,000	900,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL Structures							
Funding Required	\$ 15,073,400	\$22,308,400	\$23,463,400	\$9,994,000	\$11,174,000	\$29,066,000	\$ 111,079,200
Funding provided	11,322,334	12,503,550	16,059,000	9,404,450	11,809,000	28,616,000	89,714,334
Contributions	3,751,066	8,924,400	6,669,400	1,470,000	100,000	450,000	21,364,866
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	(\$880,450)	(\$735,000)	\$880,450	\$735,000	\$0	\$0

2019 - 2028 PROJECT PLAN

PROJECTS FUNDED MATCHED TO FUNDING SOURCES

	2019	2020	2021	2022	2023	2024-2028	TOTAL
EQUIPMENT							
GENERAL EQUIPMENT - TAB 6							
Funding Requested	\$ 695,750	\$ 452,000	\$ 576,950	\$ 509,000	\$ 540,950	\$ 2,437,600	\$ 5,212,250
City Funding Provided							
Annual Budget	546,104	358,564	405,304	409,969	383,906	1,960,242	4,064,087
General Equipment Fund	41,780	-	14,210	-	-	-	55,990
City Funding Provided	587,884	358,564	419,514	409,969	383,906	1,960,242	4,120,077
Contributions	107,867	93,437	157,437	99,032	157,045	477,358	1,092,173
Total Funding Provided	695,750	452,000	576,950	509,000	540,950	2,437,600	5,212,250
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
INFORMATION TECHNOLOGY - TAB 7							
Funding Requested	\$ 1,289,253	\$ 1,687,753	\$ 803,700	\$ 1,086,500	\$ 810,000	\$ 3,831,150	\$ 9,508,356
City Funding Provided							
Computer Equipment Fund	171,258	-	-	-	-	-	171,258
Annual Budget	1,005,495	575,503	228,350	2,168,750	805,500	3,720,575	8,504,173
TSL Interest	-	-	-	-	568,000	-	568,000
City Funding Provided	1,176,753	575,503	228,350	2,168,750	1,373,500	3,720,575	9,243,431
Contributions	112,500	22,250	7,350	7,750	4,500	110,575	264,925
Total Funding Provided	1,289,253	597,753	235,700	2,176,500	1,378,000	3,831,150	9,508,356
Excess Funding (Shortfall)	\$0	(\$1,090,000)	(\$568,000)	\$1,090,000	\$568,000	\$0	\$0
ENGINEERING EQUIPMENT - TAB 8							
Funding Requested	960,000	1,233,000	536,000	341,000	235,000	4,219,000	7,524,000
City Funding Provided							
Engineering Equipment Fund	840,000	1,233,000	536,000	341,000	235,000	4,219,000	7,404,000
General Reserve	70,000	-	-	-	-	-	70,000
TSLI	50,000	-	-	-	-	-	50,000
City Funding Provided	960,000	1,233,000	536,000	341,000	235,000	4,219,000	7,524,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	960,000	1,233,000	536,000	341,000	235,000	4,219,000	7,524,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	-
FIRE EQUIPMENT - TAB 9							
Funding Requested	\$ 250,000	\$ 1,030,000	\$ 1,490,000	\$ 195,000	\$ 590,000	\$ 2,455,000	\$ 6,010,000
Fire Equipment Fund	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
City Funding Provided	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BLOCK FUNDING, ON-GOING PROGRAMS & OTHER PROJECTS - TAB 10							
Funding Requested	\$ 2,220,140	\$ 2,055,217	\$ 1,375,217	\$ 793,217	\$ 835,217	\$ 4,075,085	\$ 11,354,093
City Funding Provided							
Annual Budget	861,078	820,753	800,753	700,753	710,753	3,563,765	7,457,856
Tax Sale Land Interest	-	-	-	633,080	824,920	39,000	1,497,000
Environmental Stewardship Fund	150,000	-	-	-	-	-	150,000
Civic Amenity	190,000	-	-	-	-	-	190,000
Fire Equipment Fund	50,000	-	50,000	-	50,000	100,000	250,000
General Reserve Fund	715,600	-	20,000	-	-	-	735,600
Child Care Improv Fund	9,323	-	-	-	-	-	9,323
Sustainable Transportation	20,000	-	-	-	-	-	20,000
City Funding Provided	1,996,001	820,753	870,753	1,333,833	1,585,673	3,702,765	10,309,779
Contributions	224,139	224,464	74,464	74,464	74,464	372,320	1,044,314
Total Funding Provided	2,220,140	1,045,217	945,217	1,408,297	1,660,137	4,075,085	11,354,093
Excess Funding (Shortfall)	\$0	(\$1,010,000)	(\$430,000)	\$615,080	\$824,920	\$0	\$0
TOTAL Equipment							
Requested	\$ 5,415,143	\$ 6,457,970	\$ 4,781,867	\$ 2,924,717	\$ 3,011,167	\$17,017,835	\$39,608,699
City Funding provided	4,970,638	4,017,820	3,544,617	4,448,552	4,168,079	16,057,583	37,207,287
Contributions	444,505	340,150	239,250	181,245	236,008	960,252	2,401,412
Excess Funding (Shortfall)	\$0	(\$2,100,000)	(\$998,000)	\$1,705,080	\$1,392,920	(\$0)	\$0
TOTAL Requirements							
Land	28,800,000	300,000	300,000	300,000	300,000	1,500,000	31,500,000
Buildings	21,292,288	161,124,440	4,447,335	16,723,610	5,494,795	3,323,080	212,405,548
Structures	15,073,400	22,308,400	23,463,400	9,994,000	11,174,000	29,066,000	111,079,200
Equipment	5,415,143	6,457,970	4,781,867	2,924,717	3,011,167	17,017,835	39,608,699
	\$ 70,580,831	\$ 190,190,810	\$ 32,992,602	\$ 29,942,327	\$ 19,979,962	\$ 50,906,915	\$ 394,593,447

**2019-2028 PROJECT PLAN
LAND AND MAJOR INVESTMENTS**

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
Various Land Acquisitions									
1 - 2	TSL Princ	Strategic Land Acquisition	3,500,000	-	-	-	-	-	3,500,000
			\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000
Parks Acquisition - DCC Bylaw Commitment									
1 - 3	Park DCC / Gen. Res.	Provision for Park Acquisition - DCC	10,000,000	-	-	-	-	-	10,000,000
			\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000
Major Investments									
1 - 4	Aff Hsing	Affordable Housing Reserve	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
	External	Provision for External Funding and Contributions	15,000,000					-	15,000,000
			\$ 15,200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 17,000,000
Cemetery									
1 - 5	Cemetery	City Cemetery Program	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ 1,000,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 28,800,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000	\$ 31,500,000
TOTAL CONTRIBUTIONS			\$ 15,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000
NET FUNDING REQUESTED			\$ 13,800,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000	\$ 16,500,000
Dedicated Funds									
Base Program									
External Funding									

2019-2028 PROJECT PLAN BUILDINGS

	2019	2020	2021	2022	2023	2024-2028	Total
Summary of Building Projects							
FUNDING REQUESTED IN PROJECT SHEETS							
Capital Maintenance	1,931,130	1,846,610	1,854,635	970,660	694,795	3,323,080	10,620,910
Major Renovation	14,747,370	157,475,330	2,407,000	15,437,200	-	-	190,066,900
Proposed New Projects	4,613,788	1,802,500	185,700	315,750	4,800,000	-	11,717,738
TOTAL FUNDING REQUESTED	\$ 21,292,288	\$ 161,124,440	\$ 4,447,335	\$ 16,723,610	\$ 5,494,795	\$ 3,323,080	\$ 212,405,548
CONTRIBUTIONS							
Capital Maintenance	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
Major Renovation	-	-	-	-	-	-	-
Proposed New Projects	-	-	-	-	-	-	-
TOTAL CONTRIBUTIONS	\$ 176,802	\$ 162,815	\$ 347,450	\$ 100,151	\$ 120,852	\$ 240,585	\$ 1,148,654
NET FUNDING REQUESTED							
Capital Maintenance	1,754,328	1,683,796	1,507,186	870,510	573,943	3,082,495	9,472,257
Major Renovation	14,747,370	157,475,330	2,407,000	15,437,200	-	-	190,066,900
Proposed New Projects	4,613,788	1,802,500	185,700	315,750	4,800,000	-	11,717,738
TOTAL CITY FUNDING REQUESTED	\$ 21,115,486	\$ 160,961,626	\$ 4,099,886	\$ 16,623,460	\$ 5,373,943	\$ 3,082,495	\$ 211,256,895

**2019-2028 PROJECT PLAN
BUILDINGS**

			2019	2020	2021	2022	2023	2024-2028	Total
Page	Funding Source	Capital Maintenance							
2 - 4	Ann. Budget	Maintenance & Replacement for Civic Centre	322,605	287,830	247,170	92,020	52,430	235,400	1,237,455
2 - 6	Ann. Budget / Justice Res	Maintenance & Replacement for Gerry Brewer Building	139,198	128,186	273,551	78,850	95,148	189,415	904,347
2 - 6	External	Maintenance & Replacement for Gerry Brewer Building - Required outside funding	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
2 - 8	Ann. Budget	Maintenance & Replacement for Fire Hall	133,215	148,195	119,305	32,635	27,285	351,495	812,130
2 - 10	Ann. Budget/ Civic Amenity	Maintenance & Replacement for City Owned/Non-City Used Buildings	493,805	190,460	288,365	53,500	31,565	172,270	1,229,965
2 - 12	Ann. Budget	Maintenance & Replacement for Parks Buildings	126,260	89,880	89,880	89,880	73,830	369,150	838,880
2 - 14	Ann. Budget	Maintenance & Replacement for Operations Centre	80,785	79,715	39,055	48,685	16,585	147,125	411,950
2 - 16	Ann. Budget	Maintenance & Replacement for Civic Library	83,460	84,530	104,860	44,940	32,100	162,640	512,530
2 - 18	Ann. Budget	The Shipyards - Lot 3 Building Maintenance	160,000	160,000	160,000	160,000	160,000	800,000	1,600,000
2 - 19	Ann. Budget	Library Reception Replacement	-	80,000	-	-	-	-	80,000
North Vancouver Recreation & Culture Commission									
2 - 20	Ann. Budget	Harry Jerome Community Recreation Centre	75,000	75,000	75,000	75,000	-	-	300,000
2 - 21	Ann. Budget	Memorial Community Recreation Centre	15,000	15,000	15,000	15,000	-	-	60,000
2 - 22	Ann. Budget	Mickey McDougall Community Recreation Centre	15,000	15,000	15,000	15,000	-	-	60,000
2 - 23	Ann. Budget	Centennial Theatre	65,000	255,000	50,000	90,000	35,000	405,000	900,000
2 - 25	Ann. Budget	John Braithwaite Community Centre	45,000	75,000	30,000	75,000	50,000	250,000	525,000
TOTAL REQUESTED IN PROJECT SHEETS			\$ 1,931,130	\$ 1,846,610	\$ 1,854,635	\$ 970,660	\$ 694,795	\$ 3,323,080	\$ 10,620,910
CONTRIBUTIONS			\$ 176,802	\$ 162,815	\$ 347,450	\$ 100,151	\$ 120,852	\$ 240,585	\$ 1,148,654
NET FUNDING REQUESTED			\$ 1,754,328	\$ 1,683,796	\$ 1,507,186	\$ 870,510	\$ 573,943	\$ 3,082,495	\$ 9,472,257
Major Renovation									
North Vancouver Recreation & Culture Commission									
2 - 27	Civic Amenity	Harry Jerome Community Recreation Centre	14,547,370	157,275,330	2,407,000	15,437,200	-	-	189,666,900
2 - 28	General Res.	Harry Jerome Complex - Major Repairs	200,000	200,000	-	-	-	-	400,000
TOTAL REQUESTED IN PROJECT SHEETS			\$ 14,747,370	\$ 157,475,330	\$ 2,407,000	\$ 15,437,200	\$ -	\$ -	\$ 190,066,900
CONTRIBUTIONS			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NET FUNDING REQUESTED			\$ 14,747,370	\$ 157,475,330	\$ 2,407,000	\$ 15,437,200	\$ -	\$ -	\$ 190,066,900

2019-2028 PROJECT PLAN BUILDINGS

			2019	2020	2021	2022	2023	2024-2028	Total
Page	Funding Source	Proposed New Projects							
<i>Library</i>									
2 - 30		Library Staff Area Improvements	-	90,000	-	-	-	-	90,000
2 - 31	Civic Amenity	Library Functional Plan Implementation	-	175,000	175,000	75,000	-	-	425,000
<i>Museum and Archives</i>									
2 - 32	Civic Amenity	New Museum for NVMA	525,000	-	-	-	-	-	525,000
<i>City</i>									
2 - 33	Civic Amenity	Central Waterfront Public Realm	1,200,000	-	-	-	-	-	1,200,000
2 - 34	Civic Amenity	Project Coordination and Oversight	433,000	-	-	-	-	-	433,000
2 - 35	Civic Amenity	Lonsdale Quay Public Realm	-	420,000	-	-	-	-	420,000
2 - 36	Civic Amenity	SeaBus Upgrades	250,000	-	-	-	-	-	250,000
2 - 37	Civic Amenity	Lot 5 Development	310,000	-	-	-	-	-	310,000
2 - 38	TSLI	Civic Centre Addition	25,000	-	-	-	3,000,000	-	3,025,000
2 - 39	TSLI	Fire Hall Vestibule	15,000	100,000	-	-	-	-	115,000
2 - 40	General Build.	Ops Centre Storage Site	65,000	-	-	-	-	-	65,000
2 - 41	TSLI	Feasibility - 1555 Forbes	30,000	-	-	-	-	-	30,000
2 - 42	TSLI	Civic Centre Improvements	572,450	267,500	10,700	240,750	-	-	1,091,400
2 - 44	TSLI/Gen Res	Staff Work Areas and Meeting Space	780,000	-	-	-	-	-	780,000
2 - 45	Annual Bud.	Replacement of City Hall Single Glazed Windows	-	-	-	-	1,800,000	-	1,800,000
2 - 46	Civic Amenity	Burrard Dry Dock Electrical Building	-	350,000	-	-	-	-	350,000
2 - 47	Civic Amenity	PGE Station Provision	-	400,000	-	-	-	-	400,000
2 - 48	TSL	719 West 2nd St Strategic Property Purchase 2015	198,779	-	-	-	-	-	198,779
2 - 49	Parking Res.	Presentation House Public Parking Lot	120,000	-	-	-	-	-	120,000
2 - 50	Heritage	Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
TOTAL REQUESTED IN PROJECT SHEETS			\$ 4,613,788	\$ 1,802,500	\$ 185,700	\$ 315,750	\$ 4,800,000	\$ -	\$ 11,717,738
CONTRIBUTIONS									
NET FUNDING REQUESTED			\$ 4,613,788	\$ 1,802,500	\$ 185,700	\$ 315,750	\$ 4,800,000	\$ -	\$ 11,717,738
Base Program									
Dedicated Funds									
New Initiatives									
External Funds									

2019-2028 PROJECT PLAN STRUCTURES SUMMARY

	2019	2020	2021	2022	2023	2024-2028	Total
Summary of Structure Projects							
FUNDING REQUESTED IN PROJECT SHEETS							
Streets and Transportation	13,649,400	17,849,400	19,159,400	6,675,000	4,115,000	19,130,000	80,578,200
Parks	1,289,000	4,374,000	4,219,000	3,234,000	6,974,000	9,511,000	29,601,000
Public Art	135,000	85,000	85,000	85,000	85,000	425,000	900,000
TOTAL FUNDING REQUESTED	\$ 15,073,400	\$ 22,308,400	\$ 23,463,400	\$ 9,994,000	\$ 11,174,000	\$ 29,066,000	\$ 111,079,200
CONTRIBUTIONS							
Streets and Transportation	3,751,066	8,924,400	6,669,400	1,470,000	100,000	450,000	21,364,866
Parks	-	-	-	-	-	-	-
Public Art	-	-	-	-	-	-	-
TOTAL CONTRIBUTIONS	\$ 3,751,066	\$ 8,924,400	\$ 6,669,400	\$ 1,470,000	\$ 100,000	\$ 450,000	\$ 21,364,866
DCC FUNDING							
Streets and Transportation	1,489,125	663,300	1,381,050	391,050	509,850	2,108,700	6,543,075
Parks	49,500	668,250	1,212,750	-	-	-	1,930,500
Public Art	-	-	-	-	-	-	-
TOTAL DCC FUNDING	\$ 1,538,625	\$ 1,331,550	\$ 2,593,800	\$ 391,050	\$ 509,850	\$ 2,108,700	\$ 8,473,575
NET FUNDING REQUESTED							
Streets and Transportation	8,409,209	8,261,700	11,108,950	4,813,950	3,505,150	16,571,300	52,670,259
Parks	1,239,500	3,705,750	3,006,250	3,234,000	6,974,000	9,511,000	27,670,500
Public Art	135,000	85,000	85,000	85,000	85,000	425,000	900,000
TOTAL CITY FUNDING REQUESTED	\$ 9,783,709	\$ 12,052,450	\$ 14,200,200	\$ 8,132,950	\$ 10,564,150	\$ 26,507,300	\$ 81,240,759

2019-2028 PROJECT PLAN TRANSPORTATION AND STREETS

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
Pedestrian Improvements Program									
3 - 7	Annual Bud	Traffic Safety Improvements	40,000	40,000	40,000	40,000	45,000	225,000	430,000
3 - 8	Civic Amen.	New Sidewalks to Complete Pedestrian Network	151,500	151,500	151,500	151,500	151,500	757,500	1,515,000
3 - 8	DCC	New Sidewalks to Complete Pedestrian Network-DCC	148,500	148,500	148,500	148,500	148,500	742,500	1,485,000
3 - 9	Annual Bud.	Sidewalk Infill & Reconstruction	170,000	170,000	420,000	170,000	170,000	850,000	1,950,000
Total Safety/Pedestrian Improvements			\$ 510,000	\$ 510,000	\$ 760,000	\$ 510,000	\$ 515,000	\$ 2,575,000	\$ 5,380,000
Cycling Improvements Program									
3 - 10	Civic Amenity	Sutherland Trail	80,000	-	-	-	-	-	80,000
3 - 11	Civic Amenity	Bicycle Route Improvements	20,200	20,200	20,200	20,200	20,200	80,800	181,800
3 - 11	External	Bicycle Route Improvements - ROF	10,000	10,000	10,000	10,000	10,000	40,000	90,000
3 - 11	DCC	Bicycle Route Improvements - DCC	19,800	19,800	19,800	19,800	19,800	79,200	178,200
3 - 12	Civic Amenity	Covered Bike Shelter & Secured Bike Parking	-	-	-	25,000	50,000	90,000	165,000
3 - 13	Civic Amenity	Lynn Valley Interchange Northbound Transportation Improvements	-	100,000	300,000	-	-	-	400,000
3 - 14	Civic Amenity	East 13th Street Cycling Infrastructure	-	-	300,000	-	-	-	300,000
Total - Cycling Improvements			\$ 130,000	\$ 150,000	\$ 650,000	\$ 75,000	\$ 100,000	\$ 290,000	\$ 1,395,000
Transit Improvement Program									
3 - 15	Civic Amenity	Transit Stop Improvements	80,000	65,000	65,000	65,000	65,000	325,000	665,000
3 - 15	External	Transit Improvements - ROF	20,000	65,000	65,000	65,000	65,000	325,000	605,000
3 - 16	Annual Bud.	City Transit Shelter Program	-	-	-	40,000	20,000	60,000	120,000
3 - 16	External	City Transit Shelter Program- ROF	-	-	-	40,000	20,000	60,000	120,000
Total - Transit Improvements			\$ 100,000	\$ 130,000	\$ 130,000	\$ 210,000	\$ 170,000	\$ 770,000	\$ 1,510,000
Multi-Modal Improvement Program									
3 - 17	Civic Amenity	Greenways Wayfinding Program	20,000	20,000	20,000	-	-	20,000	80,000
3 - 18	Civic Amenity	East Keith Road Multi-Modal Corridor Improvements, East Grand to Brooksbank	-	-	300,000	-	-	-	300,000
3 - 19	Annual Bud.	Fell Avenue: Slope stability and Retaining Walls	50,000	250,000	500,000	-	-	-	800,000
3 - 20	Civic Amenity	Semisch Greenway (W3rd to Semisch Park)	-	100,000	300,000	-	-	-	400,000
Total - Transit Improvements			\$ 70,000	\$ 370,000	\$ 1,120,000	\$ -	\$ -	\$ 20,000	\$ 1,580,000

2019-2028 PROJECT PLAN TRANSPORTATION AND STREETS

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
Traffic Engineering Program									
3 - 21	TSLI	Traffic Signal System Upgrades	100,000	300,000	300,000	300,000	300,000	1,300,000	2,600,000
3 - 23		Traffic Signal Pre-Emption for Fire Emergency Vehicles	-	80,000	80,000	80,000	-	-	240,000
3 - 25	Civic Amenity	Installation of Accessible Pedestrian Signal Units	35,000	35,000	35,000	35,000	35,000	105,000	280,000
3 - 27	TSLI	Traffic Signal LED Replacement	-	-	300,000	-	-	-	300,000
3 - 28	Civic Amenity	Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	60,600	-	-	-	-	-	60,600
3 - 28	External	Traffic Signal at Keith & Hendry - ROF	150,000	-	-	-	-	-	150,000
3 - 28	DCC	Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety) -DCC	59,400	-	-	-	-	-	59,400
3 - 29	Civic Amenity	Traffic Signal at 3rd & St. David's	184,325	-	-	-	-	-	184,325
3 - 29	DCC	Traffic Signal at 3rd & St. David's - DCC	180,675	-	-	-	-	-	180,675
3 - 30	Civic Amenity	Pedestrian and Roadway Lighting Implementation	75,750	227,250	227,250	227,250	227,250	681,750	1,666,500
3 - 30	DCC	Pedestrian and Roadway Lighting Implementation - DCC	74,250	222,750	222,750	222,750	222,750	668,250	1,633,500
3 - 32	TSLI	Street Light and Traffic Signal Aging Pole Replacement	50,000	250,000	250,000	50,000	50,000	200,000	850,000
3 - 33	Civic Amenity	Pedestrian Scale Lighting Grand Boulevard Park	750,000	-	-	-	-	-	750,000
3 - 34	Civic Amenity	Pedestrian Scale Lighting Jones Avenue	-	400,000	-	-	-	-	400,000
3 - 35	Annual Bud.	City-Wide LED Streetlight upgrade	250,000	250,000	250,000	250,000	-	-	1,000,000
3 - 36	Annual Bud.	Automated Traffic Counters	50,000	50,000	50,000	50,000	-	-	200,000
3 - 37	Civic Amenity	Traffic Signal at East 13th St at St Andrew's Ave	300,000	-	-	-	-	-	300,000
3 - 38	Civic Amenity	New Pedestrian Crossing Facilities	150,000	350,000	350,000	-	-	-	850,000
3 - 39		Street Lighting Central Management System	-	100,000	-	-	-	-	100,000
3 - 40	Civic Amenity	Moodyville Traffic Signals	308,050	-	-	-	121,200	-	429,250
3 - 40	DCC	Moodyville Traffic Signals - DCC	301,950	-	-	-	118,800	-	420,750
Total - Traffic Signals			\$ 3,080,000	\$ 2,265,000	\$ 2,065,000	\$ 1,215,000	\$ 1,075,000	\$ 2,955,000	\$ 12,655,000
Public Realm and Streetscapes Program									
3 - 41	Annual Bud.	Street Banner And Furnishing Program	45,000	10,000	45,000	10,000	45,000	120,000	275,000
3 - 42	Civic Amenity	Parklet Design Competition and Installations	-	-	-	175,000	-	-	175,000
3 - 43	Carbon Res.	Living City Tree Planting Program	75,000	75,000	75,000	75,000	75,000	375,000	750,000
3 - 43	External	Living City Tree Planting Program - ROF	5,000	5,000	5,000	5,000	5,000	25,000	50,000
3 - 44	Civic Amenity	Sidewalk Patios - Lower Lonsdale	50,000	150,000	-	-	-	-	200,000
3 - 45	Annual Bud.	200 East 2nd Street - Parking & Streetscape improvements	-	-	-	-	-	50,500	50,500
3 - 45	DCC	200 East 2nd Street - Parking & Streetscape improvements-DCC	-	-	-	-	-	49,500	49,500

2019-2028 PROJECT PLAN TRANSPORTATION AND STREETS

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
3 - 46	Annual Bud.	100 East 2nd Street - Parking & Streetscape Improvements	-	-	-	-	-	227,250	227,250
3 - 46	DCC	100 East 2nd Street - Parking & Streetscape Improvements-DCC	-	-	-	-	-	222,750	222,750
3 - 47	Annual Bud.	100 East 1st Street - Streetscape Improvements	-	-	-	-	-	353,500	353,500
3 - 47	DCC	100 East 1st Street - Streetscape Improvements - DCC	-	-	-	-	-	346,500	346,500
Total - Parking and Streetscapes			\$ 175,000	\$ 240,000	\$ 125,000	\$ 265,000	\$ 125,000	\$ 1,770,000	\$ 2,700,000

Major Projects

3 - 48	Civic Amenity	Casano Loutet Overpass	673,334	232,300	-	-	-	-	905,634
3 - 48	External	Casano/Loutet Overpass - ROF	2,666,666	920,000	-	-	-	-	3,586,666
3 - 48	DCC	Casano Loutet Overpass - DCC	660,000	227,700	-	-	-	-	887,700
3 - 49	Civic Amenity	St. David's Avenue Greenway Connection	700,000	-	-	-	-	-	700,000
3 - 50	Civic Amenity	St. Andrews Bike Route - Esplanade to 24th St	100,000	400,000	-	-	-	-	500,000
3 - 51	Civic Amenity	Queensbury Avenue Greenway Connection	-	-	-	350,000	-	-	350,000
3 - 51	External	Queensbury Avenue Greenway Connection - ROF	-	-	-	650,000	-	-	650,000
3 - 52	TSLI / Sustain. Transp./ Carbon Fund	Marine Drive Bridge Replacement over Mackay Creek	-	-	1,010,000	-	-	-	1,010,000
3 - 52	External	Marine Drive Bridge Replacement over Mackay Creek - ROF	-	-	4,000,000	-	-	-	4,000,000
3 - 52	DCC	Marine Drive Bridge Replacement over Mackay Creek - DCC	-	-	990,000	-	-	-	990,000
3 - 53	Civic Amenity	Upper Levels Greenway - Lonsdale to Lynn Valley Road	40,000	-	350,000	-	-	-	390,000
3 - 53	External	Upper Levels Greenway - Lonsdale to Lynn Valley Road - ROF	-	-	700,000	-	-	-	700,000
3 - 54	Civic Amenity	Upper Levels Greenway - Lonsdale to Westview	-	-	-	350,000	-	-	350,000
3 - 54	External	Upper Levels Greenway - Lonsdale to Westview - ROF	-	-	-	700,000	-	-	700,000
3 - 55	Civic Amenity	Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th)	-	-	1,400,000	-	-	-	1,400,000
3 - 55	External	Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th) - ROF	-	-	400,000	-	-	-	400,000
3 - 56	Civic Amenity	Marine-Main Corridor Improvements	625,000	1,850,000	1,480,000	-	-	-	3,955,000
3 - 56	External	Marine-Main Corridor Improvements- ROF	625,000	7,750,000	1,480,000	-	-	-	9,855,000
Total - Major Projects			\$ 6,090,000	\$ 11,380,000	\$ 11,810,000	\$ 2,050,000	\$ -	\$ -	\$ 31,330,000

Pavement and Bridge Management

3 - 58	Annual Bud.	Traffic Signs and Pavement Markings	50,000	50,000	50,000	55,000	55,000	275,000	535,000
3 - 59	Annual Bud. General Res /	Bridge Rehabilitation	50,000	50,000	50,000	50,000	50,000	250,000	500,000
3 - 60	Infrastr. Res.	Pavement Management: Streets and Lanes	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	20,000,000
3 - 62	Annual Bud.	Pavement Condition Testing	25,000	25,000	75,000	25,000	25,000	225,000	400,000
Total - Pavement Management			\$ 2,125,000	\$ 2,125,000	\$ 2,175,000	\$ 2,130,000	\$ 2,130,000	\$ 10,750,000	\$ 21,435,000

2019-2028 PROJECT PLAN TRANSPORTATION AND STREETS

Page Funding Source

			2019	2020	2021	2022	2023	2024-2028	Total
Local Area Services									
3 - 63	LAS	Provision for Local Area Services - City Share	500,000	-	-	-	-	-	500,000
Total - Local Area Services			\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
TOTAL FUNDING REQUESTED - ENGINEERING DEP			\$ 12,780,000	\$ 17,170,000	\$ 18,835,000	\$ 6,455,000	\$ 4,115,000	\$ 19,130,000	\$ 78,485,000
TOTAL CONTRIBUTIONS			\$ 3,476,666	\$ 8,750,000	\$ 6,660,000	\$ 1,470,000	\$ 100,000	\$ 450,000	\$ 20,906,666
TOTAL DCC STREETS AND TRANSPORTATION			\$ 1,444,575	\$ 618,750	\$ 1,381,050	\$ 391,050	\$ 509,850	\$ 2,108,700	\$ 6,453,975
NET FUNDING REQUESTED			\$ 7,858,759	\$ 7,801,250	\$ 10,793,950	\$ 4,593,950	\$ 3,505,150	\$ 16,571,300	\$ 51,124,359
Community Transportation Demand Management Program									
3 - 64	Annual Bud.	Community Transportation Demand Management Program	70,000	70,000	70,000	70,000	-	-	280,000
3 - 64	External	Community Transportation Demand Management Program	15,000	15,000	-	-	-	-	30,000
3 - 65	Sust. Transp	Transportation Plan Update	45,450	45,450	-	-	-	-	90,900
3 - 65	DCC	Transportation Plan Update - DCC	44,550	44,550	-	-	-	-	89,100
3 - 66	Annual Bud.	Safe Routes to Schools	95,000	95,000	95,000	-	-	-	285,000
3 - 66	External	Safe Routes to Schools - ROF	9,400	9,400	9,400	-	-	-	28,200
3 - 67	Annual Bud.	INSTPP Implementation (Previously known as North Shore Transportation Improvements)	100,000	100,000	-	-	-	-	200,000
3 - 67	External	INSTPP Implementation (Previously known as North Shore Transportation Improvements) - ROF	100,000	50,000	-	-	-	-	150,000
3 - 68	Annual Bud.	Great Streets - Corridor Studies	240,000	150,000	150,000	150,000	-	-	690,000
3 - 68	External	Great Streets - Corridor Studies - ROF	150,000	100,000	-	-	-	-	250,000
Total - Planning			\$ 869,400	\$ 679,400	\$ 324,400	\$ 220,000	\$ -	\$ -	\$ 2,093,200
TOTAL FUNDING REQUEST - PLANNING DEP			\$ 869,400	\$ 679,400	\$ 324,400	\$ 220,000	\$ -	\$ -	\$ 2,093,200
TOTAL CONTRIBUTIONS			\$ 274,400	\$ 174,400	\$ 9,400	\$ -	\$ -	\$ -	\$ 458,200
TOTAL DCC STREETS AND TRANSPORTATION			\$ 44,550	\$ 44,550	\$ -	\$ -	\$ -	\$ -	\$ 89,100
NET FUNDING REQUESTED			\$ 550,450	\$ 460,450	\$ 315,000	\$ 220,000	\$ -	\$ -	\$ 1,545,900

2019-2028 PROJECT PLAN TRANSPORTATION AND STREETS

Page Funding Source

	2019	2020	2021	2022	2023	2024-2028	Total
TOTAL FUNDING REQUEST IN PROJECT SHEETS	\$ 13,649,400	\$ 17,849,400	\$ 19,159,400	\$ 6,675,000	\$ 4,115,000	\$ 19,130,000	\$ 80,578,200
TOTAL CONTRIBUTIONS	\$ 3,751,066	\$ 8,924,400	\$ 6,669,400	\$ 1,470,000	\$ 100,000	\$ 450,000	\$ 21,364,866
TOTAL DCC STREETS AND TRANSPORTATION	\$ 1,489,125	\$ 663,300	\$ 1,381,050	\$ 391,050	\$ 509,850	\$ 2,108,700	\$ 6,543,075
NET FUNDING REQUESTED	\$ 8,409,209	\$ 8,261,700	\$ 11,108,950	\$ 4,813,950	\$ 3,505,150	\$ 16,571,300	\$ 52,670,259

Base Program
Dedicated Funds
New Initiatives
External Funds
DCC Funds

**2019-2028 PROJECT PLAN
PARKS AND ENVIRONMENT**

Page	Funding Source	Park Specific	2019	2020	2021	2022	2023	2024-2028	Total
4 - 3	Ann. Budget	Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000	-	-	-	-	-	100,000
4 - 4	Ann. Budget	Tempe Height Tennis Court Resurfacing	20,000	-	-	-	-	-	20,000
4 - 5	Civic Amenity	Lower Lonsdale Off-Leash Area	250,000	-	-	-	-	-	250,000
4 - 6	Ann. Budget	Greenwood Park Trail and Forest Restoration	250,000	250,000	-	-	-	-	500,000
4 - 7	Ann. Budget	Sutherland Field Turf Replacement	-	930,000	-	-	-	-	930,000
4 - 8	Civic Amenity	Hammersley Park Improvements and Playground Replacement	50,000	600,000	-	-	-	-	650,000
4 - 9	Civic Amenity	1600 Eastern Avenue Park	50,500	555,500	-	-	-	-	606,000
4 - 9	DCC	1600 Eastern Avenue Park - DCC	49,500	544,500	-	-	-	-	594,000
4 - 10	Civic Amenity	New Harry Jerome Neighbourhood Lands Park	200,000	-	-	200,000	6,100,000	-	6,500,000
4 - 11	Civic Amenity	Chris Zuehlke Field Lighting	-	250,000	-	-	-	-	250,000
4 - 12	Civic Amenity	Waterfront Park Master Plan & Implementation	-	126,250	2,386,250	2,500,000	-	-	5,012,500
4 - 12	DCC	Waterfront Park Master Plan & Implementation - DCC	-	123,750	1,113,750	-	-	-	1,237,500
4 - 13	Civic Amenity	Green Necklace Outdoor Fitness Equipment Stations	-	200,000	-	-	-	-	200,000
4 - 14	Ann. Budget	St. Andrews Park Infrastructure Replacement	-	275,000	-	-	-	-	275,000
4 - 15	Civic Amenity	Victoria Park Washroom	-	200,000	-	-	-	-	200,000
4 - 16	Civic Amenity	St. Andrews Park Washrooms	-	-	101,000	-	-	-	101,000
4 - 16	DCC	St. Andrews Park Washrooms - DCC	-	-	99,000	-	-	-	99,000
4 - 17	Ann. Budget	Mahon Park Playground and Spray Park Replacement	-	-	-	-	250,000	1,800,000	2,050,000
4 - 18	Civic Amenity	Sunrise Park Trail Improvements	-	-	-	250,000	-	-	250,000
4 - 19	Civic Amenity	Casano Park Trail & Habitat Improvements	-	-	-	-	400,000	-	400,000
4 - 20	Civic Amenity	Park Picnic Shelters	-	-	-	-	-	750,000	750,000
4 - 21	Civic Amenity	Gravel Sports Field Turf Conversion	-	-	-	-	-	1,200,000	1,200,000
4 - 22	Civic Amenity	High Place Park Development	-	-	-	-	-	250,000	250,000
4 - 23	Ann. Budget	Wagg Park Playground Replacement	-	-	-	-	-	650,000	650,000
4 - 24	Ann. Budget	Derek Inman Park Renovations	-	-	-	-	-	1,250,000	1,250,000
4 - 25	Ann. Budget	Confederation Field Turf Replacement	-	-	-	-	-	900,000	900,000
4 - 26	Ann. Budget	Tempe Heights Park Playground Replacement	-	-	-	-	-	650,000	650,000
4 - 27	Ann. Budget	Loutet Park Playground Replacement	-	-	-	-	-	650,000	650,000
4 - 28	Ann. Budget	Fen Burdett Turf Replacement	-	-	-	-	-	900,000	900,000
Total - Park Specific			\$ 970,000	\$ 4,055,000	\$ 3,700,000	\$ 2,950,000	\$ 6,750,000	\$ 9,000,000	\$ 27,425,000

2019-2028 PROJECT PLAN PARKS AND ENVIRONMENT

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
City Wide Programs									
4 - 29	Ann. Budget	Parks Master Plan Update	-	-	200,000	-	-	-	200,000
4 - 30	Ann. Budget	Irrigation System Upgrades	34,000	34,000	34,000	34,000	34,000	136,000	306,000
4 - 31	Ann. Budget	Chafer Beetle Turf Restoration	45,000	45,000	45,000	45,000	45,000	-	225,000
4 - 32	Ann. Budget	Wooden Bridge and Stair Replacement	25,000	25,000	25,000	25,000	25,000	-	125,000
4 - 33	Ann. Budget	Grass Sports Field Renovations	75,000	75,000	75,000	75,000	75,000	150,000	525,000
4 - 34	Ann. Budget	Play Equipment Replacement	35,000	35,000	35,000	-	-	-	105,000
4 - 35	Ann. Budget	Park & Greenways Trail Resurfacing	10,000	10,000	10,000	10,000	10,000	50,000	100,000
4 - 36	Ann. Budget	Parks Furnishings and Signage	35,000	35,000	35,000	35,000	35,000	175,000	350,000
4 - 37	Ann. Budget	Invasives Management and Forest Restoration	60,000	60,000	60,000	60,000	-	-	240,000
Total - City Wide Programs			\$ 319,000	\$ 319,000	\$ 519,000	\$ 284,000	\$ 224,000	\$ 511,000	\$ 2,176,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 1,289,000	\$ 4,374,000	\$ 4,219,000	\$ 3,234,000	\$ 6,974,000	\$ 9,511,000	\$ 29,601,000
TOTAL CONTRIBUTIONS									
TOTAL CONTRIBUTIONS - DCC FUNDING			\$ 49,500	\$ 668,250	\$ 1,212,750	\$ -	\$ -	\$ -	\$ 1,930,500
NET FUNDING REQUESTED			\$ 1,239,500	\$ 3,705,750	\$ 3,006,250	\$ 3,234,000	\$ 6,974,000	\$ 9,511,000	\$ 27,670,500
Base Program									
Dedicated Funds									
New Initiatives									
External Funds									
DCC Funds									

2019-2028 PROJECT PLAN
PUBLIC ART

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
5 - 2	Public Art	Civic Public Art Program	85,000	85,000	85,000	85,000	85,000	425,000	850,000
5 - 4	Public Art	City Hall Fallen Tree Art Upgrade City Hall Fallen Tree Art Upgrade	50,000	-	-	-	-	-	50,000
				-	-	-	-	-	
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 135,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 900,000
NET FUNDING REQUESTED			\$ 135,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 900,000
Base Program									
Dedicated Funds									
New Initiatives									

2019-2028 PROJECT PLAN EQUIPMENT SUMMARY

	2019	2020	2021	2022	2023	2024-2028	Total
Summary of Equipment Projects							
FUNDING REQUESTED IN PROJECT SHEETS							
General Equipment	695,750	452,000	576,950	509,000	540,950	2,437,600	5,212,250
Information Technology Equipment	1,289,253	1,687,753	803,700	1,086,500	810,000	3,831,150	9,508,356
Engineering Equipment	960,000	1,233,000	536,000	341,000	235,000	4,219,000	7,524,000
Fire Equipment	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
Block Funding & Other Projects	2,220,140	2,055,217	1,375,217	793,217	835,217	4,075,085	11,354,093
TOTAL FUNDING REQUESTED	\$ 5,415,143	\$ 6,457,970	\$ 4,781,867	\$ 2,924,717	\$ 3,011,167	\$ 17,017,835	\$ 39,608,699
CONTRIBUTIONS							
General Equipment	107,867	93,437	157,437	99,032	157,045	477,358	1,092,173
Information Technology Equipment	112,500	22,250	7,350	7,750	4,500	110,575	264,925
Engineering Equipment	-	-	-	-	-	-	-
Fire Equipment	-	-	-	-	-	-	-
Block Funding & Other Projects	224,139	224,464	74,464	74,464	74,464	372,320	1,044,314
TOTAL CONTRIBUTIONS	\$ 444,505	\$ 340,150	\$ 239,250	\$ 181,245	\$ 236,008	\$ 960,252	\$ 2,401,412
NET FUNDING REQUESTED							
General Equipment	587,884	358,564	419,514	409,969	383,906	1,960,242	4,120,077
Information Technology Equipment	1,176,753	1,665,503	796,350	1,078,750	805,500	3,720,575	9,243,431
Engineering Equipment	960,000	1,233,000	536,000	341,000	235,000	4,219,000	7,524,000
Fire Equipment	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
Block Funding & Other Projects	1,996,001	1,830,753	1,300,753	718,753	760,753	3,702,765	10,309,779
TOTAL CITY FUNDING REQUESTED	\$ 4,970,638	\$ 6,117,820	\$ 4,542,617	\$ 2,743,472	\$ 2,775,159	\$ 16,057,583	\$ 37,207,287

2019-2028 PROJECT PLAN GENERAL EQUIPMENT

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
6 - 2	Annual Bud / General Bud	Furniture and Equipment	133,750	107,000	90,950	107,000	90,950	460,100	989,750
6 - 4	Annual Bud	Gerry Brewer Furniture	47,134	47,134	47,134	47,134	47,134	164,967	400,635
6 - 4	External	Gerry Brewer Furniture - Required Outside Funding	59,867	59,867	59,867	59,867	59,867	209,533	508,865
6 - 6	Annual Bud	Council Report and Resolution Digital Archive	15,000	-	-	-	-	-	15,000
6 - 7	Annual Bud	Pool Vehicle Replacement	55,000	50,000	55,000	50,000	50,000	145,000	405,000
6 - 9	Annual Bud	Municipal Vehicles for GB Building	-	26,430	26,430	30,835	19,822	154,175	257,692
6 - 9	External	Municipal Vehicles for GB Building - Required outside Funding	-	33,570	33,570	39,165	25,178	195,825	327,308
6 - 10	Annual Bud	Bylaw Vehicles Replacement	45,000	-	-	45,000	-	-	90,000
6 - 11	Annual Bud	NVRC Maintenance Vehicles	24,000	-	32,000	-	36,000	36,000	128,000
6 - 11	External	NVRC Maintenance Vehicles - Required Outside Funding	48,000	-	64,000	-	72,000	72,000	256,000
6 - 13	Annual Bud	NVRC Recreation Program Equipment	225,000	110,000	150,000	130,000	140,000	1,000,000	1,755,000
6 - 15	Annual Bud	LIB - RFID Security Gates Replacement	25,000	-	-	-	-	-	25,000
6 - 16	Annual Bud	LIB - Sorter Bin Replacement	18,000	18,000	18,000	-	-	-	54,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 695,750	\$ 452,000	\$ 576,950	\$ 509,000	\$ 540,950	\$ 2,437,600	\$ 5,212,250
TOTAL CONTRIBUTIONS			\$ 107,867	\$ 93,437	\$ 157,437	\$ 99,032	\$ 157,045	\$ 477,358	\$ 1,092,173
NET FUNDING REQUESTED			\$ 587,884	\$ 358,564	\$ 419,514	\$ 409,969	\$ 383,906	\$ 1,960,242	\$ 4,120,077
Base Program									
Dedicated Funds									
New Initiatives									
External Funding									

**2019-2028 PROJECT PLAN
INFORMATION TECHNOLOGY**

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
I.T. Department									
7 - 3	Annual Bud.	User Device Replacements	150,000	150,000	150,000	150,000	150,000	750,000	1,500,000
7 - 4	Annual Bud./Comp Equip.	Data Centre Infrastructure	400,000	125,000	50,000	350,000	250,000	725,000	1,900,000
7 - 5	Annual Bud.	Cyber Security	115,000	-	-	-	-	-	115,000
7 - 6	Annual Bud.	Peoplesoft HCM Benefits, Performance, Auxiliary & Reporting automation	100,000	-	-	-	-	-	100,000
7 - 7		Open Data & GIS Review	-	120,000	-	-	-	-	120,000
7 - 8		Business Intelligence & Reporting	-	150,000	150,000	-	-	-	300,000
7 - 9		Facilities Management Software	-	120,000	-	-	-	-	120,000
7 - 10	Annual Bud.	Business Application Systems Analyst	92,253	92,253	-	-	-	-	184,506
7 - 11	Annual Bud.	Engineering Business Process Owner	100,000	100,000	-	-	-	-	200,000
7 - 12	Annual Bud.	CNV.ORG Refresh	50,000	350,000	-	-	-	-	400,000
7 - 13		Enterprise Application Lifecycle Planning	-	350,000	400,000	550,000	350,000	2,200,000	3,850,000
Total - I.T. Department			\$ 1,007,253	\$ 1,557,253	\$ 750,000	\$ 1,050,000	\$ 750,000	\$ 3,675,000	\$ 8,789,506
Library									
Library									
7 - 15	Annual Bud.	Technology Learning Centre Fit-Out	80,000	-	-	-	-	-	80,000
7 - 16		Integrated Library System (ILS) Renewal	-	-	18,000	-	-	-	18,000
7 - 17	Annual Bud.	Library Website Renewal	5,000	75,000	-	-	-	-	80,000
Total - Library			\$ 85,000	\$ 75,000	\$ 18,000	\$ -	\$ -	\$ -	\$ 178,000
North Vancouver Museum & Archives									
7 - 18	Annual Bud.	IT Refresh	14,500	2,250	7,350	7,750	4,500	25,575	61,925
7 - 18	External	Museum & Archives Technology Refresh - Required Outside Funding	14,500	2,250	7,350	7,750	4,500	25,575	61,925
Total - North Vancouver Museum & Archives			\$ 29,000	\$ 4,500	\$ 14,700	\$ 15,500	\$ 9,000	\$ 51,150	\$ 123,850

2019-2028 PROJECT PLAN INFORMATION TECHNOLOGY

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
North Vancouver Recreation & Culture Commission									
7 - 19	Annual Bud.	Customer Survey Tool Replacement	34,000	-	-	-	-	-	34,000
7 - 19	External	Customer Survey Tool Replacement - ROF	68,000	-	-	-	-	-	68,000
7 - 20	Annual Bud.	Perfect Mind Implementation: Integration Project	10,000	10,000	-	-	-	-	20,000
7 - 20	External	Perfect Mind Implementation: Integration Project - ROF	20,000	20,000	-	-	-	-	40,000
7 - 21	Annual Bud.	Facility Desktop Hardware Refresh	21,000	21,000	21,000	21,000	21,000	105,000	210,000
7 - 23	Annual Bud.	Public Wifi Upgrade	-	-	-	-	30,000	-	30,000
7 - 24	Annual Bud.	Maintenance Work Order System Replacement	5,000	-	-	-	-	-	5,000
7 - 24	External	Maintenance Work Order System Replacement - Required Outside Funding	10,000	-	-	-	-	-	10,000
7 - 25	Annual Bud.	Mobile Application Development	-	-	-	25,000	-	-	25,000
7 - 26	Annual Bud.	VOIP Phone System Replacement	-	-	-	-	-	43,000	43,000
7 - 26	External	VOIP Phone System Replacement - Required Outside Funding	-	-	-	-	-	85,000	85,000
Total - North Vancouver Recreation Commission			\$ 168,000	\$ 51,000	\$ 21,000	\$ 21,000	\$ 51,000	\$ 105,000	\$ 417,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 1,289,253	\$ 1,687,753	\$ 803,700	\$ 1,086,500	\$ 810,000	\$ 3,831,150	\$ 9,508,356
TOTAL CONTRIBUTIONS			\$ 112,500	\$ 22,250	\$ 7,350	\$ 7,750	\$ 4,500	\$ 110,575	\$ 264,925
NET FUNDING REQUESTED			\$ 1,176,753	\$ 1,665,503	\$ 796,350	\$ 1,078,750	\$ 805,500	\$ 3,720,575	\$ 9,243,431

Base Program
Dedicated Funds
New Initiatives
External Funding

2019-2028 PROJECT PLAN ENGINEERING EQUIPMENT

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
8 - 2	Eng Equip	Engineering, Parks and Environment Operations Vehicle/Equipment Replacement Program	840,000	1,233,000	536,000	341,000	235,000	4,219,000	7,404,000
8 - 6	TLSI	Parks Operation Supervisors Electric Pool Vehicle	50,000					-	50,000
8 - 7	General Res.	Forklift	70,000	-	-	-	-	-	70,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 960,000	\$ 1,233,000	\$ 536,000	\$ 341,000	\$ 235,000	\$ 4,219,000	\$ 7,524,000
TOTAL CONTRIBUTIONS									
NET FUNDING REQUESTED			\$ 960,000	\$ 1,233,000	\$ 536,000	\$ 341,000	\$ 235,000	\$ 4,219,000	\$ 7,524,000

Base Program
Dedicated Funds
New Initiatives

2019-2028 PROJECT PLAN
FIRE EQUIPMENT

Page	Funding Source							
		2019	2020	2021	2022	2023	2024-2028	Total
9 - 2	Fire Equip	Fire Equipment Replacement Program						
		250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS		\$ 250,000	\$ 1,030,000	\$ 1,490,000	\$ 195,000	\$ 590,000	\$ 2,455,000	\$ 6,010,000
TOTAL CONTRIBUTIONS								
NET FUNDING REQUESTED		\$ 250,000	\$ 1,030,000	\$ 1,490,000	\$ 195,000	\$ 590,000	\$ 2,455,000	\$ 6,010,000
Base Program								
Dedicated Funds								

2019-2028 PROJECT PLAN
BLOCK FUNDS, ONGOING PROGRAMS AND OTHER PROJECTS

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
Block Funds									
10 - 3	Annual Bud.	Block Funding - City Used Buildings	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
10 - 4	Annual Bud.	Block Funding - Non-City Used Building	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
10 - 5	Annual Bud.	Block Funding - Gerry Brewer Building	28,728	28,728	28,728	28,728	28,728	143,640	287,281
10 - 5	External	Gerry Brewer Building - Required Outside Funding	36,489	36,489	36,489	36,489	36,489	182,445	364,889
10 - 6	Annual Bud.	Block Funding - Information Technology	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
10 - 7	Annual Bud.	Block Funding - Parks Infrastructure	75,000	75,000	75,000	75,000	75,000	375,000	750,000
10 - 8	Annual Bud.	Block Funding - Transportation	30,000	30,000	30,000	30,000	30,000	150,000	300,000
10 - 9	Annual Bud.	Block Funding - Engineering Equipment	50,000	50,000	50,000	50,000	50,000	250,000	500,000
10 - 10	Annual Bud.	Block Funding - Waterfront Asset Infrastructure	50,000	50,000	50,000	50,000	50,000	250,000	500,000
10 - 11	Annual Bud.	Block Funding - Community Services	10,000	10,000	10,000	10,000	10,000	50,000	100,000
10 - 12	Fire Equip.	Block Funding - Fire Department	50,000	-	50,000	-	50,000	100,000	250,000
10 - 13	Annual Bud.	Block Funding - Police Equipment	22,350	22,025	22,025	22,025	22,025	110,125	220,575
10 - 13	External	Block Funding - Police Equipment - Required Outside Funding	27,650	27,975	27,975	27,975	27,975	139,875	279,425
10 - 14	Annual Bud.	Block Funding - Library Equipment	20,000	20,000	20,000	20,000	20,000	100,000	200,000
10 - 15	Annual Bud.	Block Funding - Museum and Archives	10,000	10,000	10,000	10,000	10,000	50,000	100,000
10 - 15	External	Museum & Archives - Required Outside Funding	10,000	10,000	10,000	10,000	10,000	50,000	100,000
10 - 16	Annual Bud.	Block Funding - NVRC	75,000	75,000	75,000	75,000	80,000	405,000	785,000
10 - 17	Annual Bud.	NVRC Emergency Capital Replacement Fund	30,000	30,000	30,000	30,000	35,000	180,000	335,000
TOTAL - BLOCK FUNDS			\$ 825,217	\$ 775,217	\$ 825,217	\$ 775,217	\$ 835,217	\$ 4,036,085	\$ 8,072,170
On-Going Programs									
10 - 18	CCCIF	Child Care Capital Improvement Fund	9,323	-	-	-	-	-	9,323
TOTAL - ON-GOING PROGRAMS			\$ 9,323	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,323

2019-2028 PROJECT PLAN
BLOCK FUNDS, ONGOING PROGRAMS AND OTHER PROJECTS

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
Other Projects									
10 - 19	General Bud.	School the City - CNV4ME	50,000	50,000	50,000	-	-	-	150,000
10 - 20	General Bud.	Public Space Place-making Support - Project Funding	40,000	40,000	40,000	-	-	-	120,000
10 - 21	General Bud.	Economic Partnership North Vancouver (Year 1 of 3 year commitment)	70,000	70,000	70,000	-	-	-	210,000
10 - 22	General Bud.	Shipbuilders' Square and Public Realm Events	130,000	130,000	130,000	-	-	-	390,000
10 - 23	General Bud.	Service Options for Lower Lonsdale	15,000	200,000	-	-	-	-	215,000
10 - 24	Enviro. Res.	Corporate Climate Action Implementation	150,000	150,000	-	-	-	-	300,000
10 - 24	External	Corporate Climate Action Implementation - Required Outside Funding	50,000	50,000	-	-	-	-	100,000
10 - 25	General/Sust./CAR	Electric Vehicle Strategy Implementation	210,000	230,000	160,000	-	-	-	600,000
10 - 25	External	Electric Vehicle Strategy - Required Outside Funding	100,000	100,000	-	-	-	-	200,000
10 - 26	General Bud.	COR (Certificate of Recognition)	110,600	-	-	18,000	-	39,000	167,600
10 - 27	Annual Bud.	Community Engagement	160,000	160,000	-	-	-	-	320,000
10 - 28	General Bud.	Strategic Planning	300,000	100,000	100,000	-	-	-	500,000
TOTAL - OTHER PROJECTS			\$ 1,385,600	\$ 1,280,000	\$ 550,000	\$ 18,000	\$ -	\$ 39,000	\$ 3,272,600
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 2,220,140	\$ 2,055,217	\$ 1,375,217	\$ 793,217	\$ 835,217	\$ 4,075,085	\$ 11,354,093
TOTAL CONTRIBUTIONS			\$ 224,139	\$ 224,464	\$ 74,464	\$ 74,464	\$ 74,464	\$ 372,320	\$ 1,044,314
NET FUNDING REQUESTED			\$ 1,996,001	\$ 1,830,753	\$ 1,300,753	\$ 718,753	\$ 760,753	\$ 3,702,765	\$ 10,309,779
Base Program									
Dedicated Funds									
New Initiatives									
External Funding									

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2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

Average for the Year 3.00% 3.00% 3.00% 3.00% 3.00% 3.00%

Each year an amount is transferred from the annual budget to fund various capital projects. These funds are unrestricted and can be used for any capital project. Approximately 15% of the City's annual tax levy is transferred to capital projects or to fund capital reserves.

	2019	2020	2021	2022	2023	2024-2028	Total
Tax Levy	\$ 9,453,800	9,953,800	10,453,800	10,953,800	11,453,800	\$ 64,769,000	\$ 117,038,000
Total Available	\$ 9,453,800	9,953,800	\$ 10,453,800	\$ 10,953,800	\$ 11,453,800	\$ 64,769,000	\$ 117,038,000
Allocated to :							
Tax Sale Land						-	-
Civic Amenity	2,600,000	2,600,000	2,600,000	2,600,000		-	10,400,000
General Building						-	-
General Equipment						-	-
Fire Equipment	350,000	385,000	1,540,000	350,000	480,000	2,525,000	5,630,000
Computer Equipment						-	-
General Reserve	758,929					-	758,929
Public Art	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Affordable Housing						-	-
Sustainable Transportation	87,500	87,500	87,500	87,500	87,500	437,500	875,000
Carbon Fund	65,000	65,000	65,000	65,000	65,000	325,001	650,001
Total to Reserves	3,946,429	3,222,500	4,377,500	3,187,500	717,500	3,712,501	19,163,930
Transfer to Annual Budget	\$ 5,507,371	6,731,300	\$ 6,076,300	\$ 7,766,300	\$ 10,736,300	\$ 71,792,799	\$ 97,874,070

ANNUAL BUDGET - Direct Transfer to Capital

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 5,507,371	6,731,300	\$ 6,076,300	\$ 7,766,300	\$ 10,736,300	61,056,499	97,874,070
2018 Block Funding						-	-
Closed Projects	562,400					-	562,400
Available Balance	\$ 6,069,771	6,731,300	\$ 6,076,300	\$ 7,766,300	\$ 10,736,300	\$ 61,056,499	\$ 98,436,470
Withdrawals							
Base							
Buildings							
Capital Maintenance	1,583,094	799,719	1,507,186	870,510	573,943	3,082,495	8,416,946
Replacement of City Hall Single Glazed Windows	-	-	-	-	1,800,000	-	1,800,000
Civic Centre Addition		-	-	-	3,000,000	-	3,000,000
Harry Jerome Complex - Major Repairs		200,000	-	-	-	-	200,000
Structures							
Traffic & Transportation							
Local Traffic Safety Improvements	40,000			40,000	45,000	225,000	350,000
City Transit Shelter Program	-	-	-	40,000	20,000	60,000	120,000
Fell Avenue: Slope stability and Retaining Walls	50,000	250,000	500,000	-	-	-	800,000
Sidewalk Infill & Reconstruction	170,000	170,000	420,000	170,000	170,000	850,000	1,950,000
Traffic Signs and Pavement Markings	50,000	50,000	50,000	55,000	55,000	275,000	535,000
Bridge Rehabilitation	50,000	50,000	50,000	50,000	50,000	250,000	500,000
Street Banner And Furnishing Program	45,000	10,000	45,000	10,000	45,000	120,000	275,000
200 East 2nd Street - Parking & Streetscape improvements	-	-	-	-	-	50,500	50,500
100 East 2nd Street - Parking & Streetscape Improvements	-	-	-	-	-	227,250	227,250
100 East 1st Street - Streetscape Improvements	-	-	-	-	-	353,500	353,500
Safe Routes to Schools	95,000			-	-	-	95,000
INSTPP Implementation (Previously known as North Shore Transportation Improvements)	100,000	-	-	-	-	-	100,000
Great Streets - Corridor Studies	240,000			150,000	-	-	390,000
Pavement Condition Testing	25,000	25,000	75,000	25,000	25,000	225,000	400,000
Community Transportation Demand Management Program	70,000			70,000	-	-	140,000
Traffic Signal System Upgrades	100,000	300,000	300,000	300,000	300,000	1,300,000	2,600,000
Traffic Signal Pre-emption for Fire Emergency Vehicles	-			80,000	-	-	80,000
Traffic Signal LED Replacement	-	-	300,000	-	-	-	300,000
Street Light and Traffic Signal Aging Pole Replacement	50,000	250,000	250,000	50,000	50,000	200,000	850,000
City-Wide LED Streetlight upgrade	250,000			250,000	-	-	500,000
Automated Traffic Counters	50,000			50,000	-	-	100,000
Pavement Management: Streets and Lanes		1,097,762	625,708	1,800,000	1,800,000	9,000,000	14,323,470
Parks & Environment							
City Wide Programs	319,000	319,000	519,000	284,000	224,000	511,000	2,176,000
Replacements and Restoration Projects	370,000	1,455,000	-	-	250,000	6,800,000	8,875,000
Equipment							
Over \$10,000							
General	546,104	358,564	405,304	409,969	383,906	1,960,242	4,064,087
IT	1,005,495	425,503	78,350	928,750	655,500	2,970,575	6,064,173
User Device Replacements	-	150,000	150,000	150,000	150,000	750,000	1,350,000
Bylaw							
Block Funding							
One-time studies/projects							
Ongoing Programs	701,078	700,753	680,753	700,753	710,753	3,563,765	7,057,856
School the City - CNV4ME		50,000	50,000	-	-	-	100,000
Economic Partnership North Vancouver (Year 1 of 3 year commitment)		70,000	70,000	-	-	-	140,000
Community Engagement	160,000						160,000
Total Expended	\$ 6,069,771	\$ 6,731,300	\$ 6,076,300	\$ 6,483,981	\$ 10,308,102	\$ 32,774,328	\$ 68,443,781
Closing Balance	\$ -	\$ (0)	\$ (0)	\$ 1,282,319	\$ 428,198	\$ 28,282,171	\$ 29,992,688

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

TAX SALE LAND Principal

The Tax Sale Lands Fund is made up of the proceeds of sale of all lands sold by the City which originally became City property though non-payment of taxes. Most of this land came to the City in the 1930's, during the Great Depression. The balance in the Tax Sale Land reserve is used to invest in projects that have a prospective rate of return equal to or greater than the City's benchmark rate of return; to invest in infrastructure and land management, in order to enhance the marketability and increase the value of marketed lands, or to invest in the purchase of land assets to be held by the City. By long-standing Council policy, Tax Sale Land principal is not used to fund depreciable assets such as civic buildings, infrastructure or equipment.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance (unappropriated)	\$ 31,194,634	27,743,815	\$ 50,883,215	\$ 93,280,965	\$ 93,330,965	\$ 93,380,965	\$ 31,194,634
2019 Lease W 2nd	\$ 7,960.00						7,960
2018 Closed Projects & Expired Funding	\$ 190,000.00						190,000
Loan repayments:							
-AT Field User Fee rpmt	50,000	50,000	50,000	50,000	50,000	250,000	500,000
Proceeds of Sale:							
-Land Sales - LL		68,000,000	-				68,000,000
-Land Sales - other		-	22,347,750				22,347,750
Loans/Transfers							
-Transfer to CAF		(20,000,000)	20,000,000				-
-Land Sales		(25,590,600)					(25,590,600)
-Transfer to Public Art		680,000					680,000
Available Balance	\$ 31,442,594	\$ 50,883,215	\$ 93,280,965	\$ 93,330,965	\$ 93,380,965	\$ 93,630,965	\$ 97,329,744
-Purchases							
Strategic Land Purchase	3,500,000	-	-	-	-	-	3,500,000
Other Sites	-	-	-	-	-	-	-
-Other Withdrawals - Capital Funding							
719 West 2nd St Strategic Property Purchase 2015	198,779	-	-	-	-	-	198,779
	\$ 198,779	-	-	-	-	-	198,779
Total Expenditures	\$ 3,698,779	-	-	-	-	-	3,698,779
Closing Balance	\$ 27,743,815	\$ 50,883,215	\$ 93,280,965	\$ 93,330,965	\$ 93,380,965	\$ 93,630,965	\$ 93,630,965

TAX SALE LANDS interest

The previous year's earned interest of the Tax Sales Land reserve is unrestricted and is used to fund various projects. Along with the Annual Budget tax levy, this is the major unrestricted source that the City has for funding capital projects.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 737,869	884,077	\$ 1,179,743	\$ 2,162,463	\$ 2,799,179	\$ 14,018,395	\$ 21,781,725
Completed Projects							
Available Balance	737,869	884,077	1,179,743	2,162,463	2,799,179	14,018,395	21,781,725
Withdrawals							
Marine Drive Bridge Replacement over Mackay Creek	-	-	715,759	-	-	-	715,759
Pavement Management: Streets and Lanes			463,984				463,984
	\$ -	\$ -	\$ 1,179,743	\$ -	\$ -	\$ -	\$ 1,179,743
Buildings							
Civic Centre Addition	25,000						25,000
Capital Maintenance		884,077					884,077
Fire Hall Vestibule	15,000						15,000
Feasibility - 1555 Forbes	30,000						30,000
Civic Centre Improvements	572,450			240,750			813,200
Staff Work Areas and Meeting Space	45,419						45,419
	\$ 687,869	\$ 884,077	\$ -	\$ 240,750	\$ -	\$ -	\$ 1,812,696
Block Funding							
Public Space Place-making Support - Project Funding				-	-	-	-
COR (Certificate of Recognition)				18,000	-	39,000	57,000
	\$ -	\$ -	\$ -	\$ 18,000	\$ -	\$ 39,000	\$ 57,000
Equipment							
Parks Operation Supervisors Electric Pool Vehicle	50,000	-	-	-	-	-	50,000
	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Total Expended	\$ 737,869	\$ 884,077	\$ 1,179,743	\$ 258,750	\$ -	\$ 39,000	\$ 3,099,439
Closing Balance	\$ -	\$ (0)	\$ -	\$ 1,903,713	\$ 2,799,179	\$ 13,979,395	\$ 18,682,286

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

CIVIC AMENITY

The City also owns land that was acquired through purchase, i.e., not through tax defaults. Such property is considered as being a non-Tax Sale land property. The proceeds of sale are placed in the City Amenity fund. The CAF is specifically dedicated to fund capital projects which will enhance the use and enjoyment of the City by members of the public, such as parks, recreation centers, libraries, plazas, and other community amenities. In 2013, Council approved a 1% tax rate increase to be set aside for the Harry Jerome Recreation Centre project. This provided \$400,000 in annual funding for this purpose. Council approved similar increases in 2014, 2015, 2016 and 2017 bringing the annual amount set aside for the Harry Jerome Recreation Project to \$2.1 million.

	2019	2020	2021	2022	2023	2024-2028	Total
	\$	\$	\$	\$	\$	\$	\$
Opening Balance	21,563,404	54,750,224	39,294,554	112,885,990	101,619,635	64,658,222	21,563,404
Contributions:							
Amenity Levy	2,600,000	2,600,000	2,600,000	2,600,000	-	-	10,400,000
CAC estimate		3,000,000	3,000,000	3,000,000	3,000,000	15,000,000	27,000,000
Land sales - Other			7,449,250		-	-	7,449,250
Centennial Seat Surcharge	35,000	35,000	35,000	35,000	35,000	175,000	350,000
West 23rd		1,680,000					1,680,000
Wall Phase 1	1,040,000						1,040,000
Northmount Medical		5,147,558					5,147,558
Land lease - HJNL	50,441,248		87,587,444		55,290,488		193,319,180
Transfer from TSL Principal		20,000,000	(20,000,000)				-
MFA debt		90,000,000			(90,000,000)		-
Land Sale		25,590,600					25,590,600
1% of LL Land Sales to Public Art							-
Interest for the year	1,600,201	1,144,502	3,287,941	2,959,795	1,883,249	11,178,418	22,054,107
Available Balance	77,279,853	203,947,884	123,254,190	121,480,785	71,828,372	91,011,642	315,594,100
Withdrawals							
Harry Jerome Community Recreation Centre	14,547,370	157,275,330	2,407,000	15,437,200	-	-	189,666,900
Buildings							
Library Functional Plan Implementation	-	175,000	175,000	75,000	-	-	425,000
New Museum for NVMA	525,000	-	-	-	-	-	525,000
Central Waterfront Public Realm	1,200,000	-	-	-	-	-	1,200,000
Project Coordination and Oversight	433,000	-	-	-	-	-	433,000
Lonsdale Quay Public Realm	-	420,000	-	-	-	-	420,000
SeaBus Upgrades	250,000	-	-	-	-	-	250,000
Lot 5 Development	310,000	-	-	-	-	-	310,000
Burrard Dry Dock Electrical Building	-	350,000	-	-	-	-	350,000
PGE Station Provision	-	400,000	-	-	-	-	400,000
1225 Heywood * sunrise park	120,000	-	-	-	-	-	120,000
Parks							
Lower Lonsdale Off-Leash Area	250,000	-	-	-	-	-	250,000
Hammersley Park Improvements and Playground Replacement	50,000	600,000	-	-	-	-	650,000
1600 Eastern Avenue Park	50,500	555,500	-	-	-	-	606,000
New Harry Jerome Neighbourhood Lands Park	200,000	-	-	200,000	6,100,000	-	6,500,000
Chris Zuehlke Field Lighting	-	250,000	-	-	-	-	250,000
Waterfront Park Master Plan & Implementation	-	126,250	2,386,250	2,500,000	-	-	5,012,500
Green Necklace Outdoor Fitness Equipment Stations	-	200,000	-	-	-	-	200,000
Victoria Park Washroom	-	200,000	-	-	-	-	200,000
St. Andrews Park Washrooms	-	-	101,000	-	-	-	101,000
Sunrise Park Trail Improvements	-	-	-	250,000	-	-	250,000
Casano Park Trail & Habitat Improvements	-	-	-	-	400,000	-	400,000
Park Picnic Shelters	-	-	-	-	-	750,000	750,000
Gravel Sports Field Turf Conversion	-	-	-	-	-	1,200,000	1,200,000
High Place Park Development	-	-	-	-	-	250,000	250,000
Streets and Transportation							
New Sidewalks to Complete Pedestrian Network	151,500	151,500	151,500	151,500	151,500	757,500	1,515,000
Greenways Wayfinding Program	20,000	20,000	20,000	-	-	20,000	80,000
Road Multi-Modal Corridor Improvements, East Grand to Brooksbank	-	-	300,000	-	-	-	300,000
Semisch Greenway (W3rd to Semisch Park)	-	100,000	300,000	-	-	-	400,000
Pedestrian Scale Lighting Grand Boulevard Park	750,000	-	-	-	-	-	750,000
Moodyville Traffic Signals	308,050	-	-	-	121,200	-	429,250
Traffic Signal at 3rd & St. David's	184,325	-	-	-	-	-	184,325
Sutherland Trail	80,000	-	-	-	-	-	80,000
Bicycle Route Improvements	20,200	20,200	20,200	20,200	20,200	80,800	181,800
East 13th Street Cycling Infrastructure	0	-	300,000	-	-	-	300,000
Covered Bike Shelter & Secured Bike Parking	-	-	-	25,000	50,000	90,000	165,000
Lynn Valley Interchange Northbound Transportation Improvements	-	100,000	300,000	-	-	-	400,000
Casano Loutet Overpass	673,334	232,300	-	-	-	-	905,634
St. David's Avenue Greenway Connection	700,000	-	-	-	-	-	700,000
St. Andrews Bike Route - Esplanade to 24th St	100,000	400,000	-	-	-	-	500,000
Queensbury Avenue Greenway Connection	-	-	-	350,000	-	-	350,000
Upper Levels Greenway - Lonsdale to Lynn Valley Road	40,000	-	350,000	-	-	-	390,000
Upper Levels Greenway - Lonsdale to Westview	-	-	-	350,000	-	-	350,000
Transit Stop Improvements	80,000	65,000	65,000	65,000	65,000	325,000	665,000
New Pedestrian Crossing Facilities	150,000	350,000	350,000	-	-	-	850,000
Installation of Accessible Pedestrian Signal Units	35,000	35,000	35,000	35,000	35,000	105,000	280,000
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	60,600	-	-	-	-	-	60,600
Pedestrian Scale Lighting Jones Avenue	-	400,000	-	-	-	-	400,000
Pedestrian and Roadway Lighting Implementation	75,750	227,250	227,250	227,250	227,250	681,750	1,666,500
Traffic Signal at East 13th St at St Andrew's Ave	300,000	-	-	-	-	-	300,000
Parklet Design Competition and Installations	-	-	-	175,000	-	-	175,000
Sidewalk Patios - Lower Lonsdale	50,000	150,000	-	-	-	-	200,000
Marine-Main Corridor Improvements	625,000	1,850,000	1,480,000	-	-	-	3,955,000
Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th)	-	-	1,400,000	-	-	-	1,400,000
Electric Vehicle Strategy Implementation	190,000	-	-	-	-	-	190,000
Total Expended	22,529,629	164,653,330	10,368,200	19,861,150	7,170,150	4,260,050	228,842,509
Closing Balance	54,750,224	39,294,554	112,885,990	101,619,635	64,658,222	86,751,592	86,751,592

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

GENERAL BUILDING

The General Building Reserve is used for capital building maintenance, renovation, and building replacement. The City owns in excess of \$100m in buildings. The GB reserve was established in 1995 to begin the process of setting aside sufficient funds to replace these buildings as required.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 62,787	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 62,787
Contributions:							
- Budgeted	-	-	-	-	-	-	-
Interest for the year	-	-	-	-	-	-	-
Available Balance	\$ 62,787	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 62,787
Withdrawals							
Ops Centre Storage Site	62,787	-	-	-	-	-	62,787
Total Expended	\$ 62,787	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,787
Closing Balance	\$ 0	0	\$ 0	\$ 0	\$ 0	\$ 0	0

JUSTICE ADMINISTRATION BUILDING

The Justice Administration Building Reserve is used for capital building maintenance, renovation, and replacement of the Gerry Brewer Building. Because the Justice Administration (Gerry Brewer) Building is co-owned with the District of North Vancouver, it has its own replacement reserve.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 51,234	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 51,234
Contributions:							
- Budgeted	-	-	-	-	-	-	-
Interest for the year	-	0	0	0	0	0	0
Available Balance	\$ 51,234	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 51,234
Withdrawals							
Maintenance & Replacement for Gerry Brewer Building	51,234	-	-	-	-	-	51,234
Total Expended	\$ 51,234	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,234
Closing Balance	\$ 0	0	\$ 0	\$ 0	\$ 0	\$ 0	0

INFRASTRUCTURE

The Infrastructure Reserve funds engineering infrastructure replacement projects such as those included in the category "Structures". A long term goal for the fund would be to more closely match the amount transferred each year to this reserve from the annual budget with the City's infrastructure maintenance requirements. This would be achievable only over many years, because the value of the required infrastructure reinvestment is high.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 25,346	(0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ 25,346
Gas Tax	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
MRN Capital	260,000	260,000	260,000	-	-	-	780,000
Contributions:							
- Budgeted	-	-	-	-	-	-	-
Interest for the year	-	-	(0)	(0)	(0)	(0)	(0)
Available Balance	\$ 485,346	460,000	\$ 460,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 2,805,346
Withdrawals							
Pavement Management: Streets and Lanes	485,346	460,000	460,000	200,000	200,000	1,000,000	2,805,346
Total Expended	\$ 485,346	\$ 460,000	\$ 460,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 2,805,346
Closing Balance	\$ (0)	(0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	(0)

GENERAL EQUIPMENT

Used for general equipment and machinery replacement including office equipment, and pool and bylaw vehicles.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 40,943	6,163	\$ 13,558	\$ 6,348	\$ 13,748	\$ 21,371	\$ 40,943
Contributions:							
- Budgeted	-	-	-	-	-	-	-
- Eq. Sales proceeds	7,000	7,000	7,000	7,000	7,000	35,000	70,000
Interest for the year	-	395	-	400	622	6,683	8,100
Available Balance	\$ 47,943	13,558	\$ 20,558	\$ 13,748	\$ 21,371	\$ 63,053	\$ 119,043
Withdrawals							
Furniture and Equipment	41,780	-	14,210	-	-	-	55,990
Total Expended	\$ 41,780	-	\$ 14,210	-	-	-	\$ 55,990
Closing Balance	\$ 6,163	13,558	\$ 6,348	\$ 13,748	\$ 21,371	\$ 63,053	\$ 63,053

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

FIRE EQUIPMENT

Used for fire equipment, and replacement and upgrades.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 604,419	674,052	\$ 29,924	\$ 30,821	\$ 191,396	\$ 32,338	\$ 604,419
Contributions:							
- Budgeted	350,000	385,000	1,540,000	350,000	480,000	2,525,000	5,630,000
- Transfer from General Reserve	19,633	872	898	5,575	942	33,726	61,645
Interest for the year							
Available Balance	\$ 974,052	1,059,924	\$ 1,570,821	\$ 386,396	\$ 672,338	\$ 2,591,064	\$ 6,296,064
Withdrawals							
Equipment and Vehicles	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
Block Funds	50,000	-	50,000	-	50,000	100,000	250,000
Closing Balance	\$ 674,052	\$ 29,924	\$ 30,821	\$ 191,396	\$ 32,338	\$ 36,064	\$ 36,064

COMPUTER EQUIPMENT

Used for computer equipment replacement and upgrades.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 172,462	6,970	\$ 7,179	\$ 7,395	\$ 7,617	\$ 7,845	\$ 172,462
Contributions:							
- Sale of equipment	5,766						5,766
Interest for the year		209	215	222	228	1,250	2,124
Available Balance	\$ 178,228	7,179	\$ 7,395	\$ 7,617	\$ 7,845	\$ 9,095	\$ 180,353
Withdrawals							
User Device Replacements	150,000	-	-	-	-	-	150,000
Data Centre Infrastructure	21,258						21,258
Closing Balance	\$ 6,970	\$ 7,179	\$ 7,395	\$ 7,617	\$ 7,845	\$ 9,095	\$ 30,353

ENGINEERING EQUIPMENT

Used for engineering equipment and vehicle replacement. Engineering has a fleet of several vehicles. Contributions to the Reserve are based on the hourly rates charged to the different projects and programs using the vehicles.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 1,930,171	1,534,876	\$ 722,933	\$ 656,041	\$ 787,992	\$ 1,084,581	\$ 1,930,171
Contributions:							
- Budgeted	400,000	400,000	450,000	450,000	500,000	3,260,000	5,460,000
Interest for the year	44,705	21,056	19,108	22,951	31,590	147,837	287,248
Available Balance	\$ 2,374,876	1,955,933	\$ 1,192,041	\$ 1,128,992	\$ 1,319,581	\$ 4,492,419	\$ 7,677,419
Withdrawals							
Vehicles	840,000	1,233,000	536,000	341,000	235,000	4,219,000	7,404,000
Closing Balance	\$ 1,534,876	\$ 722,933	\$ 656,041	\$ 787,992	\$ 1,084,581	\$ 273,419	\$ 273,419

LOCAL AREA SERVICES

Local Area Services (LAS) Projects, formerly called Local Improvement Projects, are jointly funded by the City and the benefiting property owner. The Community Charter requires that LAS Reserve funds be used only to fund the city share of new local area services projects.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 783,335	291,835	\$ 300,590	\$ 309,608	\$ 318,896	\$ 328,463	\$ 783,335
Contributions:							
- Levies from Property Owners							
Interest for the year	8,500	8,755	9,018	9,288.23	9,567	52,316	97,444
Available Balance	\$ 791,835	\$ 300,590	\$ 309,608	\$ 318,896	\$ 328,463	\$ 380,779	\$ 880,779
Withdrawals							
City Share of LAS Projects	500,000	-	-	-	-	-	500,000
Closing Balance	\$ 291,835	300,590	\$ 309,608	\$ 318,896	\$ 328,463	\$ 380,779	\$ 380,779

PARKING

This reserve has been funded from parking revenues from 1998-2002. Moneys in the fund and any interest thereon shall be expended for purchase, acquisition, construction, installation or improvement of new and existing on and off-street parking spaces.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 138,395	18,947	\$ 19,516	\$ 20,101	\$ 20,704	\$ 21,325	\$ 138,395
Contributions:							
- Pay in lieu of Parking							
Interest for the year	552	568	585	603	621	3,396	6,326
Available Balance	\$ 138,947	19,516	\$ 20,101	\$ 20,704	\$ 21,325	\$ 24,721	\$ 144,722
Withdrawals							
Presentation House Public Parking Lot	120,000						120,000
Total Expended	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Closing Balance	\$ 18,947	19,516	\$ 20,101	\$ 20,704	\$ 21,325	\$ 24,721	\$ 24,721

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

PARKS DCC

The Parks DCC fund can only be used to fund the purchase of parkland and certain specific parks improvements. DCC's in general are to be used to create capital works required due to growth, therefore the City plans to use these funds to provide parks and improvements in areas impacted by growth.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 16,059,972	\$ 7,820,598	\$ 9,052,719	\$ 10,032,168	\$ 13,120,740	\$ 16,398,362	\$ 16,059,972
Contributions:							
- Lease revenue 15 Chesterfield						-	-
- Levy	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000	18,000,000
- Completed projects						-	-
Loan to Transportation DCC	(317,659)	(163,300)				-	(480,959)
Repayment from Transportation DCC			100,000	906,414	1,000,000	3,000,000	5,006,414
Interest for the year	227,784	263,671	292,199	382,157	477,622	3,832,482	5,475,916
Available Balance	\$ 17,770,098	\$ 9,720,969	\$ 11,244,918	\$ 13,120,740	\$ 16,398,362	\$ 32,230,844	\$ 44,061,344
Withdrawals							
New Parks	9,900,000	-	-	-	-	-	9,900,000
1600 Eastern Avenue Park - DCC	49,500	544,500	-	-	-	-	594,000
Waterfront Park Master Plan & Implementation - DCC	-	123,750	1,113,750	-	-	-	1,237,500
St. Andrews Park Washrooms - DCC	-	-	99,000	-	-	-	99,000
Total Expended	\$ 9,949,500	\$ 668,250	\$ 1,212,750	\$ -	\$ -	\$ -	\$ 11,830,500
Closing Balance	\$ 7,820,598	\$ 9,052,719	\$ 10,032,168	\$ 13,120,740	\$ 16,398,362	\$ 32,230,844	\$ 32,230,844

TRANSPORTATION DCC

Transportation DCC's are to be used for transportation projects required due to growth.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 671,467	\$ -	\$ -	\$ 18,950	\$ 221,486	\$ 211,636	\$ 671,467
Levy	500,000	500,000	1,500,000	1,500,000	1,500,000	7,500,000	13,000,000
Repayment to Parks DCC			(100,000)	(906,414)	(1,000,000)	(3,000,000)	(5,006,414)
Loan from Parks DCC	317,659	163,300	-	-	-	-	480,959
Interest for the year						-	-
Available Balance	\$ 1,489,125	\$ 663,300	\$ 1,400,000	\$ 612,536	\$ 721,486	\$ 4,711,636	\$ 9,146,011
Withdrawals							
New Sidewalks to Complete Pedestrian Network-DCC	148,500	148,500	148,500	148,500	148,500	742,500	1,485,000
Bicycle Route Improvements - DCC	19,800	19,800	19,800	19,800	19,800	79,200	178,200
Casano Loutet Overpass - DCC	660,000	227,700	-	-	-	-	887,700
Marine Drive Bridge Replacement over Mackay Creek - DCC	-	-	990,000	-	-	-	990,000
Transportation Plan Update - DCC	44,550	44,550	-	-	-	-	89,100
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety) -DCC	59,400	-	-	-	-	-	59,400
Traffic Signal at 3rd & St. David's - DCC	180,675	-	-	-	-	-	180,675
Pedestrian and Roadway Lighting Implementation - DCC	74,250	222,750	222,750	222,750	222,750	668,250	1,633,500
200 East 2nd Street - Parking & Streetscape improvements-DCC	-	-	-	-	-	49,500	49,500
100 East 2nd Street - Parking & Streetscape Improvements-DCC	-	-	-	-	-	222,750	222,750
100 East 1st Street - Streetscape Improvements - DCC	-	-	-	-	-	346,500	346,500
Moodyville Traffic Signals - DCC	301,950	-	-	-	118,800	-	420,750
Closing Balance	\$ -	\$ -	\$ 18,950	\$ 221,486	\$ 211,636	\$ 2,602,936	\$ 2,602,936

AFFORDABLE HOUSING

The Affordable Housing Reserve had been funded by a contribution from taxes collected set at \$260,000 per year - this was suspended once the reserve fund balance exceeded \$2.5M. As of the adoption of the revised Community Benefits Policy in 2015, the reserve is funded by a 20% allocation of the Community Benefit Cash Contributions received by the City. The fund is to be used for the provision of new non-market and special needs housing units.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 2,298,348	\$ 2,421,298	\$ 4,324,827	\$ 4,998,572	\$ 5,692,529	\$ 6,407,305	\$ 2,298,348
Contributions:							
- Levy		750,000	750,000	750,000	750,000	3,750,000	6,750,000
- Wall Phase 1	260,000					-	260,000
- Northmount Medical		1,286,890				-	1,286,890
Interest for the year	62,950	66,639	123,745	143,957.15	164,776	1,158,687	1,720,755
Available Balance	\$ 2,621,298	\$ 4,524,827	\$ 5,198,572	\$ 5,892,529	\$ 6,607,305	\$ 11,315,992	\$ 12,315,992
Withdrawals							
Projects & Grants	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
Total expended	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 2,000,000
Closing Balance	\$ 2,421,298	\$ 4,324,827	\$ 4,998,572	\$ 5,692,529	\$ 6,407,305	\$ 10,315,992	\$ 10,315,992

SUSTAINABLE TRANSPORTATION

Created in 2008, The Sustainable Transportation Reserve Fund sets aside funding for the implementation of sustainable transportation initiatives included in the City's Transportation Plan.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 87,501	\$ 113,437	\$ 106,965	\$ 17,318	\$ 107,963	\$ 201,327	\$ 87,501
Contributions:							
- Annual	87,500	87,500	87,500	87,500	87,500	437,500	875,000
- Budgeted						-	-
	\$ 178,887	\$ 206,965	\$ 200,299	\$ 107,963	\$ 201,327	\$ 657,992	\$ 1,060,310
Withdrawals							
Transportation Plan Update	45,450		-	-	-	-	45,450
Marine Drive Bridge Replacement over Mackay Creek			182,981				182,981
INSTPP Implementation (Previously known as North Shore Transportation Improvements)		100,000				-	100,000
Electric Vehicle Strategy Implementation	20,000					-	20,000
Total expended	\$ 65,450	\$ 100,000	\$ 182,981	\$ -	\$ -	\$ -	\$ 348,431
Closing Balance	\$ 113,437	\$ 106,965	\$ 17,318	\$ 107,963	\$ 201,327	\$ 657,992	\$ 711,879

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

PUBLIC ART

This reserve is funded by a contribution from taxes collected, currently set at \$85,000 annually. It is used to fund public art projects as recommended to Council by the Public Art program Steering Committee.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 278,070	236,412	\$ 243,504	\$ 250,810	\$ 258,334	\$ 266,084	\$ 278,070
Closed Projects						-	-
Contributions:							
- Budgeted	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Available Balance	\$ 371,412	328,504	\$ 335,810	\$ 343,334	\$ 351,084	\$ 733,464	\$ 1,208,464
Withdrawals							
Public Art Projects	85,000	85,000	85,000	85,000	85,000	425,000	850,000
City Hall Fallen Tree Art Upgrade	50,000					-	50,000
Total expended	\$ 135,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 900,000
Closing Balance	\$ 236,412	\$ 243,504	\$ 250,810	\$ 258,334	\$ 266,084	\$ 308,464	\$ 308,464

OTHER FUNDING SOURCES

Cemetery Development Fund

The Cemetery Development Fund is a non-statutory reserve which is used to fund capital improvement projects in the city's cemetery. It is generally funded by net cemetery revenues. In 2004, the Cemetery Fund also received a contribution of \$954,000 from the GVRD because of the impact of the Region's watermain project on the cemetery

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 1,070,751	999,874	\$ 926,870	\$ 851,676	\$ 774,226	\$ 694,453	\$ 1,070,751
Contributions:							
Interest for the year	29,123	26,996	24,806	22,550.27	20,227	63,767	187,469
Available Balance	\$ 1,099,874	1,026,870	\$ 951,676	\$ 874,226	\$ 794,453	\$ 758,220	\$ 1,258,220
Withdrawals							
Cemetery Projects	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
Closing Balance	\$ 999,874	\$ 926,870	\$ 851,676	\$ 774,226	\$ 694,453	\$ 258,220	\$ 258,220

Child Care Capital Improvement Fund

The Child Care Capital Improvement Fund is a non-statutory reserve used to provide grants to child care services in the City. It was created in 1997 with a \$150,000 sale of density transfer from the old library site to a developers. Over the years, it has provided grants to Heywood House, St. Andrew's Daycare, Mahon Park Child Care, North Shore Neighbourhood House and Lonsdale Creek Daycare.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 9,323	-	\$ -	\$ -	\$ -	\$ -	\$ 9,323
Contributions:							
Available Balance	\$ 9,323	-	\$ -	\$ -	\$ -	\$ -	\$ 9,323
Child Care Capital Improvement Fund	9,323	-	-	-	-	-	9,323
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Carbon Fund

The Carbon Fund is to be used for greenhouse gas emissions reducing initiatives within the City of North Vancouver, such as sustainable transportation initiatives, building energy retrofits, solar hot water, geo-exchange, fleet conversion, urban forestry and other emissions-reducing improvements. Funding is provided by an annual budget contribution as well as the Climate Action Revenue Incentive Program (CARIP).

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 66,260	81,260	\$ 96,260	\$ 0	\$ 15,000	\$ 30,000	\$ 66,260
Early Appropriations							
Contributions:							
CARIP	25,000	25,000	25,000	25,000	25,000	125,001	250,001
Annual Budget	65,000	65,000	65,000	65,000	65,000	325,001	650,001
Available Balance	\$ 156,260	171,260	\$ 186,260	\$ 90,000	\$ 105,000	\$ 480,002	\$ 966,262
Withdrawals							
Marine Drive Bridge Replacement over Mackay Creek			111,260			-	111,260
Living City Tree Planting Program	75,000	75,000	75,000	75,000	75,000	375,000	750,000
Closing Balance	\$ 81,260	\$ 96,260	\$ 0	\$ 15,000	\$ 30,000	\$ 105,002	\$ 105,002

Heritage Reserve

The Heritage Reserve Fund was established in 1994 and received additional funding from the sale of Hammersley House in 1998. The purpose of the Reserve Fund is to fund projects on an as-needed basis that support the City's Heritage Program and goals in the Official Community Plan related to the conservation of heritage resources on the Heritage Register.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 162,053	74,669	\$ 76,909	\$ 79,216	\$ 81,593	\$ 84,040	\$ 162,053
Interest for the year	2,175	2,240	2,307	2,376	2,448	12,996	22,094
Available Balance	\$ 164,228	76,909	\$ 79,216	\$ 81,593	\$ 84,040	\$ 97,036	\$ 184,147
Withdrawals							
Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
Closing Balance	\$ 74,669	\$ 76,909	\$ 79,216	\$ 81,593	\$ 84,040	\$ 97,036	\$ 94,588

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

Environmental Stewardship Fund

Fund originated from unused projects(s) related to Environmental cleanup, and has been balanced and maintained by the City since.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 183,155	33,155	\$ 33,155	\$ 33,155	\$ 33,155	\$ 33,155	\$ 183,155
Contributions:							
Available Balance	\$ 183,155	33,155	\$ 33,155	\$ 33,155	\$ 33,155	\$ 33,155	183,155
Withdrawals							
Corporate Climate Action Implementation	150,000					-	150,000
Closing Balance	\$ 33,155	\$ 33,155	\$ 33,155	\$ 33,155	\$ 33,155	\$ 33,155	\$ 33,155

General Reserve

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 3,241,355	913,237	\$ 470,999	\$ 691	\$ 691	\$ 691	\$ 3,241,355
Contributions:							
Lease Revenue (Tap & Barrel)	250,000					-	250,000
Transfer from Annual Budget	758,929					-	758,929
Available Balance	\$ 4,250,285	\$ 913,237	\$ 470,999	\$ 691	\$ 691	\$ 691	4,250,285
Land Acquisition 1% Municip Assist	100,000	-	-	-	-	-	100,000
Harry Jerome Complex - Major Repairs	200,000		-	-	-	-	200,000
Block Funding Projects							
School the City - CNV4ME	50,000			-	-	-	50,000
Block Funding - Library Equipment			20,000			-	20,000
Public Space Place-making Support - Project Funding	40,000			-	-	-	40,000
Economic Partnership North Vancouver (Year 1 of 3 year commitment)	70,000			-	-	-	70,000
Shipbuilders' Square and Public Realm Events	130,000			-	-	-	130,000
Service Options for Lower Lonsdale	15,000		-	-	-	-	15,000
Electric Vehicle Strategy Implementation	-		-	-	-	-	-
COR (Certificate of Recognition)	110,600	-	-	-	-	-	110,600
Strategic Planning	300,000			-	-	-	300,000
Streets, Traffic and Transportation							
Pavement Management: Streets and Lanes	1,514,654	442,238	450,308	-	-	-	2,407,200
Buidlings							
Ops Centre Storage Site	2,213					-	2,213
Staff Work Areas and Meeting Space	734,581	-	-	-	-	-	734,581
Equipment							
Forklift	70,000					-	70,000
Total expended	\$ 3,337,048	\$ 442,238	\$ 470,308	\$ -	\$ -	\$ -	4,249,594
Closing Balance	\$ 913,237	\$ 470,999	\$ 691	\$ 691	\$ 691	\$ 691	691

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