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## 2018-2027 Final Project Plan

APRIL 23, 2018 | FINANCE DEPARTMENT



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**2018 PROJECT BUDGET  
OVERALL FUNDING SCHEDULE**

2018 PROJECT FUNDING AVAILABLE				2018 ANNUAL BUDGET	2018 TSL FUND	2018 TSL FUND	2018 CIVIC AMEN. FUND	2018 LLAMENITY FUND	2018 MARINE DR FUND	2018 GEN BLDG FUND	2018 JUST ADMIN BLDG FUND	2018 INFRASTR. FUND	2018 GEN EQUIP FUND	2018 FIRE EQUIP FUND	2018 COMP EQUIP FUND	2018 ENG EQUIP FUND	2018 LAS FUND	2018 TRANS DCC FUND	2018 PARKS DCC FUND	2018 AFF HSING FUND	2018 SUST. TRN. FUND	2018 PUBLIC ART FUND	2018 CEMETERY FUND	2018 PARKING FUND	2018 CHILD CARE CAP IMP FUND	2018 HERITAGE FUND	2018 CARBON FUND	2018 GENERAL RESERVE	TOTAL 2018 CITY FUNDING	2018 GRANTS & CONTRIB.	TOTAL ALLOCATED												
				(Principal)	(Interest)																																						
2017 YEAR END BALANCE IN FUND				\$ 27,677,898	\$ 1,935,521	\$ 24,464,675	\$ 62,028	\$ 337,420	\$ 101,087	\$ 51,234	\$ 22,313	\$ 79,112	\$ 93,669	\$ 176,947	\$ 2,699,967	\$ 783,335	\$ 60,174	\$ 17,226,079	\$ 1,716,116	\$ 133,916	\$ 267,600	\$ 1,070,751	\$ 125,979	\$ 9,323	\$ 127,053	\$ 91,260	\$ 4,815,945																
PROJECTED CONTRIBUTIONS FROM LAND SALES AND OTHERS				935,000		954,887	1,861	4,783		1,537	197,636	5,000	17,390	3,825	54,749	8,500	400,000	1,039,212	9,483	3,769	9,753	23,123	2,052			25,000	630,215																
2018 TRANSFERS																																											
2018 PROJECTED CONTRIBUTION FROM OPERATIONS				5,143,201		2,600,000							366,000	350,000	400,000			2,308,526	(2,308,526)		87,500	85,000					65,000	457,099															
PROJECTED TOTAL AVAILABLE				\$ 5,143,201	\$ 28,612,898	\$ 1,935,521	\$ 28,019,562	\$ 63,889	\$ 342,203	\$ 102,971	\$ 52,771	\$ 219,949	\$ 84,112	\$ 827,059	\$ 180,772	\$ 3,154,716	\$ 791,835	\$ 2,768,700	\$ 15,956,765	\$ 1,725,599	\$ 225,185	\$ 419,853	\$ 1,093,874	\$ 128,031	\$ 9,323	\$ 127,053	\$ 181,260	\$ 5,537,259															
2018 PROJECT PLAN	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED	EARLY 2018 FUNDING	SPRING 2018 FUNDING																																							
<b>LAND &amp; MAJOR INVESTMENTS</b>																																											
Provision for Strategic Land Acquisition	3,500,000	3,500,000	-	3,500,000																																							
Provision for Park Acquisition	10,000,000	10,000,000	-	10,000,000														9,900,000										100,000															
Affordable Housing	1,400,000	1,400,000	-	1,400,000																1,400,000																							
Provision for External Funding and Contributions	15,000,000	15,000,000	-	15,000,000																																							
City Cemetery Program	300,000	300,000	-	300,000																																							
<b>TOTAL LAND &amp; MAJOR INVESTMENTS</b>	<b>\$ 30,200,000</b>	<b>\$ 30,200,000</b>	<b>\$ -</b>	<b>\$ 30,200,000</b>	<b>\$ -</b>	<b>\$ 3,500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,000,000</b>	<b>\$ 30,200,000</b>							
<b>BUILDINGS</b>																																											
<b>Buildings - Capital Maintenance</b>																																											
City Used Buildings	215,070	215,070	69,000	146,070	215,070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	215,070	-	215,070					
Recreational Facilities	427,310	427,310	-	427,310	389,010	-	-	-	-	38,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	427,310	-	427,310				
Non-City Used Buildings	479,950	479,950	130,000	349,950	174,950	-	-	185,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	479,950	-	479,950				
Gerry Brewer Building	722,000	722,000	-	722,000	143,934	-	-	178,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	722,000	-	722,000				
<b>TOTAL CAPITAL MAINTENANCE PROJECTS</b>	<b>\$ 1,844,330</b>	<b>\$ 1,844,330</b>	<b>\$ 199,000</b>	<b>\$ 1,645,330</b>	<b>\$ 922,964</b>	<b>\$ -</b>	<b>\$ 178,800</b>	<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ 38,300</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 120,000</b>	<b>\$ 1,445,064</b>	<b>\$ 399,266</b>	<b>\$ 1,844,330</b>			
<b>Major Building Projects</b>																																											
Major Renovation / Upgrades City Buildings	793,000	793,000	123,000	670,000	123,000	-	270,000	400,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	793,000	-	793,000			
Redevelopment Replacement Harry Jerome	14,380,000	14,380,000	-	14,380,000	-	-	14,100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,380,000	-	14,380,000		
Lower Lonsdale / Waterfront Projects	2,079,559	2,079,559	425,000	1,654,559	-	75,000	1,915,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89,559	-	-	-	-	-	-	-	-	-	-	2,079,559	-	2,079,559			
Pipe Shop - The Shipyards - Lot 4 Building	900,000	900,000	-	900,000	-	-	900,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	900,000	-	900,000			
New NV Museum	2,975,000	2,975,000	-	2,975,000	-	-	1,275,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,700,000	-	2,975,000			
Lot 5 Development	1,900,000	1,900,000	1,900,000	-	-	-	1,857,566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,900,000	-	1,900,000			
<b>TOTAL MAJOR BUILDING PROJECTS</b>	<b>\$ 23,027,559</b>	<b>\$ 23,027,559</b>	<b>\$ 2,448,000</b>	<b>\$ 20,579,559</b>	<b>\$ 123,000</b>	<b>\$ 75,000</b>	<b>\$ 270,000</b>	<b>\$ 20,447,566</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 89,559</b>	<b>\$ -</b>	<b>\$ 280,000</b>	<b>\$ 21,327,559</b>	<b>\$ 1,700,000</b>	<b>\$ 23,027,559</b>	
<b>TOTAL BUILDINGS</b>	<b>\$ 24,871,889</b>	<b>\$ 24,871,889</b>	<b>\$ 2,647,000</b>	<b>\$ 22,224,889</b>	<b>\$ 1,045,964</b>	<b>\$ 75,000</b>	<b>\$ 448,800</b>	<b>\$ 20,632,566</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 38,300</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 89,559</b>	<b>\$ -</b>	<b>\$ 400,000</b>	<b>\$ 22,772,623</b>	<b>\$ 2,099,266</b>	<b>\$ 24,871,889</b>	
<b>STRUCTURES</b>																																											
<b>Streets &amp; Traffic</b>																																											
Traffic Management & Transportation	8,685,000	8,685,000	2,043,333	6,641,667	391,300	-	225,002	1,034,512	-	178,000	-	-	-	-	-	-	-	2,145,000	-	-	95,798	-	-	15,150	-	-	-	90,000	833,571	5,008,333	3,676,667	-	-	-	-	-	-	-	8,685,000				
Major Roads, Streets, Sidewalks	4,005,000	4,005,000	2,680,000	1,325,000	1,362,125	-	-	552,975	-	-	-	196,967	-	-	-	-	-	-	623,700	-	-	-	-	-	-	-	-	-	1,109,233	3,845,000	160,000	-	-	-	-	-	-	-	4,005,000				
Local Area Service	500,000	500,000	-	500,000	-	-	-	-	-	-	-	-	-	-	-	-	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500,000				
<b>TOTAL STREETS &amp; TRAFFIC</b>	<b>\$ 13,190,000</b>	<b>\$ 13,190,000</b>	<b>\$ 4,723,333</b>	<b>\$ 8,466,667</b>	<b>\$ 1,753,425</b>	<b>\$ -</b>	<b>\$ 225,002</b>	<b>\$ 1,587,487</b>	<b>\$ -</b>	<b>\$ 178,000</b>	<b>\$ -</b>	<b>\$ 196,967</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ 2,768,700</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 95,798</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,150</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 90,000</b>	<b>\$ 1,942,804</b>	<b>\$ 9,359,333</b>	<b>\$ 3,836,667</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 85,000</b>	<b>\$ 17,715</b>	<b>\$ 13,190,000</b>	
<b>Parks &amp; Environment</b>																																											
Park Development	3,180,000	3,180,000	2,200,000	980,000	-	-	3,100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,180,000	-	3,180,000		
Greenways	3,780,000	3,780,000	3,230,000	550,000	-	-	1,908,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,780,000	-	3,780,000	
Park Maintenance and Renovation	349,000	349,000	-	349,000	349,000	-	-	-	-	-	-	-	-	-	-	-	-	-	1,871,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	349,000	-	349,000	
<b>TOTAL PARKS &amp; ENVIRONMENT</b>	<b>\$ 7,309,000</b>	<b>\$ 7,309,000</b>	<b>\$ 5,430,000</b>	<b>\$ 1,879,000</b>	<b>\$ 349,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,008,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,871,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 80,000</b>	<b>\$ 7,309,000</b>	<b>\$ -</b>	<b>\$ 7,309,000</b>
<b>Public Art</b>																																											
<b>TOTAL PUBLIC ART</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ -</b>																																								

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

**Funding from Reserves**

**Annual Budget - Transfer to General Reserve**

**Buildings**

Maintenance & Replacement for Civic Centre	144,450
Maintenance & Replacement for Gerry Brewer Building	143,934
Maintenance & Replacement for Fire Hall	69,015
Maintenance & Replacement for City Owned/Non-City Used Buildings	105,935
Maintenance & Replacement for Parks Buildings	15,200
Maintenance & Replacement for Operations Centre	70,620
Maintenance & Replacement for Civic Library	88,810
Harry Jerome Community Recreation Centre	75,000
Memorial Community Recreation Centre	15,000
Mickey McDougall Community Recreation Centre	15,000
Centennial Theatre	100,000
John Braithwaite Community Recreation Centre	80,000
Civic Centre Improvements	123,000

1,045,964

**Streets & Transportation**

Safe Routes to Schools	40,000
Traffic Signs and Pavement Markings	50,000
Local Traffic Safety Improvements	20,000
Traffic Signal at 4th and Lonsdale (Pedestrian & Bike Safety)	68,175
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	15,150
Sidewalk Infill & Reconstruction	170,000
St David's to Queensbury Neighbourhood - Short-Cutting Prevention Measures	150,000
29th Street Corridor Operational Improvements	80,000
Traffic Signal System Upgrades	100,000
Pedestrian and Roadway Lighting Implementation	131,300
Street Light and Traffic Signal Aging Pole Replacement	50,000
Automated Monitoring Devices	50,000
Street Banner And Furnishing Program	10,000
Bridge Rehabilitation	50,000
Pavement Management: Streets and Lanes	693,800
Pavement Condition Testing	75,000

1,753,425

**Parks & Environment**

Irrigation System Upgrades	34,000
Chafer Beetle Turf Restoration	45,000
Wooden Bridge and Stair Replacement	45,000
Grass Sports Field Renovations	75,000
Play Equipment Replacement	35,000
Park & Greenways Trail Resurfacing	15,000
Parks Furnishings and Signage	35,000
Invasives Management and Forest Restoration	65,000

349,000

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

<b>Information Technology</b>		
User Device Replacements	100,545	
Data Centre Infrastructure	150,000	
Fibre Infrastructure	75,000	
Backup & Recovery	150,000	
Agenda Management software	75,000	
Cyber Security	165,000	
Peoplesoft HCM Benefits, Performance, Auxiliary & Reporting automation	100,000	
Engineering Business Process Owner	50,000	
Self-Service Payment System Renewal	20,000	
A/V System Renewal	30,000	
IT Refresh	11,725	
NVRC ITS Recreation Software Replacement	66,660	
Fibre Network Connection for HJ Community Rec Centre and Centennial Theatre	35,000	
	1,028,930	
<b>General Equipment</b>		
Furniture and Equipment	122,150	
NVRC Facility Access Control	60,000	
	182,150	
<b>Recreation Equipment</b>		
NVRC Recreation Program Equipment	140,000	
	140,000	
<b>Block Funding</b>		
Block Funding - City Used Buildings	80,000	
Block Funding - Non-City Used Buildings	80,000	
Block Funding - Gerry Brewer Building	30,000	
Block Funding - Information Technology	100,000	
Block Funding - Parks Infrastructure	75,000	
Block Funding - Transportation	30,000	
Block Funding - Engineering Equipment	50,000	
Block Funding - Waterfront Asset Infrastructure	50,000	
Block Funding - Community Services	10,000	
Block Funding- Police Equipment	23,000	
Block Funding - Library Equipment	20,000	
Block Funding - Museum & Archives	10,000	
Block Funding - NVRC	55,732	
NVRC Emergency Capital Replacement Fund	30,000	
	643,732	
<b>Total Annual Budget - Transfer to General Reserve</b>		<b>5,143,201</b>

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

<b>Tax Sale Land Reserve Fund - Principal</b>		
Strategic Land Acquisition	3,500,000	
Waterfront Properties - Remediation Performance Verification	75,000	
		3,575,000

<b>Total Tax Sale Land Reserve Fund - Principal</b>		<b>3,575,000</b>
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<b>Tax Sale Land Reserve Fund - Interest</b>		
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<b>Buildings</b>		
Gerry Brewer 2018 Security Reception Improvements	178,800	
Civic Centre Improvements	270,000	
		448,800

<b>Streets and Transportation</b>		
Traffic Signal Pre-Emption for Fire Emergency Vehicles	75,000	
Bicycle Master Plan Update	50,000	
Transit Improvements	2	
North Shore Transportation Improvements	100,000	
		225,002

<b>Engineering Equipment</b>		
Snow and Ice Equipment	140,000	
Survey Instrument Replacement	50,000	
		190,000

<b>Total Tax Sale Land Reserve Fund - Interest</b>		<b>863,802</b>
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<b>Civic Amenity Reserve Fund</b>		
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<b>Buildings</b>		
Maintenance & Replacement for City Owned/Non-City Used Buildings	130,000	
Harry Jerome Community Centre - Redevelopment	14,100,000	
Enclose Terrace / Technology Learning Centre	400,000	
Café Connection to Main Floor Library	55,000	
New Museum for NVMA	1,275,000	
Central Waterfront Public Realm	400,000	
Lot 5 Development	1,857,566	
Central Waterfont Project Coordination and Oversight	425,000	
Spirit Trail - Shipyards Connection	685,000	
SeaBus Upgrades	250,000	
Lower Lonsdale Wayfinding	80,000	
Pipe Shop - The Shipyards - Lot 4 Building Start-Up and Provisioning	900,000	
Feasibility North Shore Neighbourhood House	75,000	
		20,632,566

<b>Streets and Transportation</b>		
Bicycle Route Improvements	50,500	
East Keith Road Multi-Modal Corridor Improvements, East Grand to Brooksbank	100,000	
New Sidewalks to Complete Pedestrian Network	151,500	
Casano Loutet Overpass	202,000	
Chesterfield AAA Bike Route - 2nd to 4th	199,475	
Mosquito Creek Bridge	25,512	
3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard)	101,000	
Moodyville Neighbourhood Transportation Improvements	757,500	
		1,587,487



**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

**Parks & Environment**

Semisch Park Infrastructure Replacement	300,000	
Mahon Park, Picnic Area and Pitch & Putt	500,000	
Moodyville Park Master Plan and Implementation	2,200,000	
Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000	
Green Necklace -21st and Lonsdale Ave to 19th and Grand Boulevard	1,631,150	
Spirit Trail - Heywood St	<u>277,750</u>	
		<u>5,008,900</u>

<b>Total Civic Amenity Reserve Fund</b>		<b>27,228,953</b>
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**Marine Drive Reserve Fund**

**Streets and Transportation**

Mosquito Creek Bridge	<u>178,000</u>	
		<u>178,000</u>

<b>Total Marine Drive Reserve Fund</b>		<b>178,000</b>
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**General Building Reserve Fund**

**Buildings**

Maintenance & Replacement for Parks Buildings	<u>38,300</u>	
		<u>38,300</u>

<b>Total General Building Reserve Fund</b>		<b>38,300</b>
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**Infrastructure Reserve Fund**

**Streets and Transportation**

Pavement Management: Streets and Lanes	<u>196,967</u>	
		<u>196,967</u>

<b>Total Infrastructure Reserve Fund</b>		<b>196,967</b>
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**General Equipment Replacement Fund**

Block Funding - NVRC	19,268	
RFID Sorter Retrofit	<u>34,000</u>	
		<u>53,268</u>

<b>Total General Equipment Replacement Fund</b>		<b>53,268</b>
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**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

**Fire Equipment Replacement Fund**

Dodge 3/4 ton Pick-up	65,000	
Turnout Gear	40,000	
Auto Extrication	60,000	
AED Defibrillators	20,000	
Fire Hose and Nozzles	25,000	
Misc. Rescue Equipment	<u>20,000</u>	
		<u>230,000</u>
<b>Total Fire Equipment Replacement Fund</b>		<b>230,000</b>

**Computer Equipment Replacement Fund**

User Device Replacements	<u>49,455</u>	
		<u>49,455</u>
<b>Total Computer Equipment Replacement Fund</b>		<b>49,455</b>

**Engineering Equipment Replacement Fund**

Pick-up Truck 1	45,000	
Pick-up Truck 2	45,000	
Single Axle Dump Truck 1	250,000	
Single Axle Dump Truck 2	100,000	
Tandem Axle Dump Truck	75,000	
Crane Truck	240,000	
Riding Mower 1	55,000	
Riding Mower 2	45,000	
Sweeper	250,000	
Chipper / G8 Park Vacuum	50,000	
Mini Dump	<u>120,000</u>	
		<u>1,275,000</u>
<b>Total Engineering Equipment Replacement Fund</b>		<b>1,275,000</b>

**Local Area Service Reserve Fund**

Provision for Local Area Services - City Share	<u>500,000</u>	
		<u>500,000</u>
<b>Total Local Area Service Reserve Fund</b>		<b>500,000</b>

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

**Transportation DCC Fund**

Bicycle Route Improvements	49,500	
Traffic Signal at 4th and Lonsdale (Pedestrian & Bike Safety)	66,825	
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	14,850	
New Sidewalks to Complete Pedestrian Network	148,500	
Casano Loutet Overpass	198,000	
Chesterfield AAA Bike Route - 2nd to 4th	195,525	
Pedestrian and Roadway Lighting Implementation	128,700	
Lower Lonsdale On-Street Parking	14,850	
Keith and Brooksbank Active Transportation Improvements	79,200	
Mosquito Creek Bridge	957,000	
3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard)	99,000	
Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank)	74,250	
Moodyville Neighbourhood Transportation Improvements	<u>742,500</u>	
		<u>2,768,700</u>
<b>Total Transportation DCC Fund</b>		<b>2,768,700</b>

**Parks DCC Fund**

Provision for Park Acquisition	9,900,000	
Green Necklace -21st and Lonsdale Ave to 19th and Grand Boulevard	1,598,850	
Spirit Trail - Heywood St	<u>272,250</u>	
		<u>11,771,100</u>
<b>Total Park DCC Fund</b>		<b>11,771,100</b>

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

**Affordable Housing Reserve Fund**

Affordable Housing - Potential Project	1,400,000	
		1,400,000
<b>Total Affordable Housing Reserve Fund</b>		<b>1,400,000</b>

**Sustainable Transportation Reserve Fund**

Transit Improvements	14,998	
Keith and Brooksbank Active Transportation Improvements	80,800	
		95,798
<b>Total Sustainable Transportation Reserve Fund</b>		<b>95,798</b>

**Parking Reserve**

Lot 5 Development	42,434	
Lower Lonsdale On-Street Parking	15,150	57,584
<b>Total Parking Reserve Fund</b>		<b>57,584</b>

**Public Art Reserve Fund**

Civic Public Art Program	85,000	
		85,000
<b>Total Public Art Reserve Fund</b>		<b>85,000</b>

**Cemetery Reserve Fund**

City Cemetery Program	300,000	
		300,000
<b>Total Cemetery Reserve Fund</b>		<b>300,000</b>

**Child Care Capital Improvement Fund**

Child Care Capital Improvement Fund	9,323	
		9,323
<b>Total Child Care Capital Improvement Fund</b>		<b>9,323</b>

**Heritage Reserve Fund**

Heritage Reserve Fund - Potential Projects	89,559	
		89,559
<b>Total Heritage Reserve Fund</b>		<b>89,559</b>

**Carbon Fund**

Community Transportation Demand Management Program	90,000	
		90,000
<b>Total Carbon Fund</b>		<b>90,000</b>

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

<b>General Reserve</b>		
<b>Buildings</b>		
Provision for Park Acquisition	100,000	
The Shipyards - Lot 3 Building Maintenance	120,000	
Harry Jerome Complex - Major Repairs	<u>280,000</u>	
		<u>500,000</u>
<b>Block Funding - Other Projects</b>		
Streamlining Development Controls (Year 3 of 3)	60,000	
Child Care Strategy Implementation Projects	40,000	
Public Space Place-making Support - Project Funding	30,000	
Fun City Festival	35,000	
Economic Partnership North Vancouver (Year 3 of 3 year commitment)	40,000	
Shipbuilders' Square and Public Realm Events	90,000	
Service Needs Analysis for Lower Lonsdale - Library	10,000	
Functional Plan Review - Library	25,000	
Corporate Climate Action Implementation	<u>150,000</u>	
		<u>480,000</u>
<b>Information Technology</b>		
Licence Plate Recognition Camera and Technology Replacement & Cost Annual Allowance	<u>110,000</u>	
		<u>110,000</u>
<b>Parks</b>		
Sutherland Field Turf Replacement	<u>80,000</u>	
		<u>80,000</u>
<b>Streets and Transportation</b>		
Living City Tree Planting Program	75,000	
Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank)	75,750	
Mosquito Creek Bridge	522,821	
Pavement Management: Streets and Lanes	1,109,233	
BC Hydro Beautification 119-131 West Esplanade & 120 Carrie Cates Court	<u>160,000</u>	
		<u>1,942,804</u>
<b>Total General Reserve</b>		<b>3,112,804</b>
<b>Total Funding From Reserves</b>		<b>59,111,814</b>

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY SOURCE**

**Grants & Contributions**

**Land & Major Investments**

Provision for External Funding and Contributions	<u>15,000,000</u>	15,000,000
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**Buildings**

Maintenance & Replacement for Gerry Brewer Building	178,066	
Gerry Brewer 2018 Security Reception Improvements	221,200	
New Museum for NVMA	<u>1,700,000</u>	2,099,266

**Streets and Transportation**

Bicycle Route Improvements	100,000	
Traffic Signal at 4th and Lonsdale (Pedestrian & Bike Safety)	80,000	
29th Street Corridor Operational Improvements	80,000	
Transit Improvements	15,000	
Living City Tree Planting Program	5,000	
Bicycle Master Plan Update	50,000	
North Shore Transportation Improvements	100,000	
Mosquito Creek Bridge	3,366,667	
BC Hydro Beautification 119-131 West Esplanade & 120 Carrie Cates Court	<u>40,000</u>	3,836,667

**Equipment**

IT Refresh	11,725	
NVRC ITS Recreation Software Replacement	133,340	
Furniture and Equipment	<u>27,650</u>	172,715

**Block Funding**

Block Funding - Gerry Brewer Building	35,217	
Block Funding- Police Equipment	27,000	
Block Funding - Museum & Archives	10,000	
Fun City Festival	50,000	
Economic Partnership North Vancouver (Year 3 of 3 year commitment)	63,333	
Shipbuilders' Square and Public Realm Events	31,000	
Corporate Climate Action Implementation	<u>50,000</u>	266,550

**Total Grants & Contributions** **21,375,198**

**TOTAL CITY AND EXTERNAL FUNDING** **80,487,012**

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY LOCATION**

		<b>Funding Request</b>	<b>External Funding</b>	<b>Total Funded by CNV</b>
<b>Lower Lonsdale</b>				
Capital Maintenance	The Shipyards - Lot 3 Building Maintenance	120,000		120,000
Proposed New Projects	New Museum for NVMA	2,975,000	1,700,000	1,275,000
Proposed New Projects	Central Waterfront Public Realm	400,000		400,000
Proposed New Projects	Lot 5 Development	1,900,000		1,900,000
Proposed New Projects	Central Waterfront Project Coordination and Oversight	425,000		425,000
Proposed New Projects	Spirit Trail - Shipyards Connection	685,000		685,000
Proposed New Projects	SeaBus Upgrades	250,000		250,000
Proposed New Projects	Lower Lonsdale Wayfinding	80,000		80,000
Proposed New Projects	Waterfront Properties - Remediation Performance Verification	75,000		75,000
Proposed New Projects	Pipe Shop - The Shipyards - Lot 4 Building Start-Up and Provisioning	900,000		900,000
Proposed New Projects	Feasibility North Shore Neighbourhood House	75,000		75,000
Block Funding	Block Funding - Waterfront Asset Infrastructure	50,000		50,000
		<b>7,935,000</b>	<b>1,700,000</b>	<b>6,235,000</b>
<b>Land / Major Investments</b>				
Various Land Acquisitions	Strategic Land Acquisition	3,500,000		3,500,000
Parks Acquisition - DCC				
Bylaw Commitment	Provision for Park Acquisition	10,000,000		10,000,000
Major Investments	Affordable Housing - Potential Project	1,400,000		1,400,000
Major Investments	Provision for External Funding and Contributions	15,000,000	15,000,000	-
Cemetery Land Investments	City Cemetery Program	300,000		300,000
		<b>30,200,000</b>	<b>15,000,000</b>	<b>15,200,000</b>
<b>Civic Centre</b>				
Capital Maintenance	Maintenance & Replacement for Civic Centre	144,450		144,450
Capital Improvements	Civic Centre Improvements	393,000		393,000
General Equipment	Furniture and Equipment	149,800	27,650	122,150
I.T. Equipment	User Device Replacements	150,000		150,000
I.T. Equipment	Data Centre Infrastructure	150,000		150,000
I.T. Equipment	Fibre Infrastructure	75,000		75,000
I.T. Equipment	Backup & Recovery	150,000		150,000
I.T. Equipment	Agenda Management software	75,000		75,000
I.T. Equipment	Cyber Security	165,000		165,000
I.T. Equipment	Peoplesoft HCM Benefits, Performance, Auxiliary & Reporting automation	100,000		100,000
I.T. Equipment	Engineering Business Process Owner	50,000		50,000
Block Funding	Block Funding - City Used Buildings	80,000		80,000
Block Funding	Block Funding - Community Services	10,000		10,000
Block Funding	Block Funding - Information Technology	100,000		100,000
		<b>1,792,250</b>	<b>27,650</b>	<b>1,764,600</b>

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
<b>Engineering - City Yard &amp; Equipment</b>				
Capital Maintenance	Maintenance & Replacement for Operations Centre	70,620		70,620
Eng Vehicles Replacement	Pick-up Truck 1	45,000		45,000
Eng Vehicles Replacement	Pick-up Truck 2	45,000		45,000
Eng Vehicles Replacement	Single Axle Dump Truck 1	250,000		250,000
Eng Vehicles Replacement	Single Axle Dump Truck 2	100,000		100,000
Eng Vehicles Replacement	Tandem Axle Dump Truck	75,000		75,000
Eng Vehicles Replacement	Crane Truck	240,000		240,000
Eng Vehicles Replacement	Riding Mower 1	55,000		55,000
Eng Vehicles Replacement	Riding Mower 2	45,000		45,000
Eng Vehicles Replacement	Sweeper	250,000		250,000
Eng Vehicles Replacement	Chipper / G8 Park Vacuum	50,000		50,000
Eng Vehicles Replacement	Mini Dump	120,000		120,000
New Equipment	Snow and Ice Equipment	140,000		140,000
New Equipment	Survey Instrument Replacement	50,000		50,000
Block Funding	Block Funding - Engineering Equipment	50,000		50,000
		1,585,620	-	1,585,620
<b>Other Buildings / Facilities</b>				
Capital Maintenance	Maintenance & Replacement for City Owned/Non-City Used Buildings	235,935		235,935
Block Funding	Block Funding - Non-City Used Buildings	80,000		80,000
Capital Improvements	Gerry Brewer 2018 Security Reception Improvements	400,000	221,200	178,800
Capital Maintenance	Maintenance & Replacement for Parks Buildings	53,500		53,500
		769,435	221,200	548,235
<b>Grants</b>				
On-Going Programs	Heritage Reserve Fund - Potential Projects	89,559		89,559
On-Going Programs	Child Care Capital Improvement Fund	9,323		9,323
		98,882	-	98,882
<b>Other Projects</b>				
Other Projects	Streamlining Development Controls (Year 3 of 3)	60,000		60,000
Other Projects	Child Care Strategy Implementation Projects	40,000		40,000
Other Projects	Public Space Place-making Support - Project Funding	30,000		30,000
Other Projects	Fun City Festival	85,000	50,000	35,000
Other Projects	Economic Partnership North Vancouver (Year 3 of 3 year commitment)	103,333	63,333	40,000
Other Projects	Shipbuilders' Square and Public Realm Events	121,000	31,000	90,000
Other Projects	Service Needs Analysis for Lower Lonsdale - Library	10,000		10,000
Other Projects	Functional Plan Review - Library	25,000		25,000
Other Projects	Corporate Climate Action Implementation	200,000	50,000	150,000
		674,333	194,333	480,000



**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
<b>Fire &amp; Rescue</b>				
Capital Maintenance	Maintenance & Replacement for Fire Hall	69,015		69,015
Fire Equipment	Dodge 3/4 ton Pick-up	65,000		65,000
Fire Equipment	Turnout Gear	40,000		40,000
Fire Equipment	Auto Extrication	60,000		60,000
Fire Equipment	AED Defibrillators	20,000		20,000
Fire Equipment	Fire Hose and Nozzles	25,000		25,000
Fire Equipment	Misc. Rescue Equipment	20,000		20,000
Block Funding	Block Funding - Fire Department			
		299,015	-	299,015
<b>Police</b>				
Capital Maintenance	Maintenance & Replacement for Gerry Brewer Building	322,000	178,066	143,934
Block Funding	Block Funding - Gerry Brewer Building	65,217	35,217	30,000
Block Funding	Block Funding- Police Equipment	50,000	27,000	23,000
		437,217	240,283	196,934
<b>Bylaw</b>				
Equipment Replacement	Licence Plate Recognition Camera and Technology Replacement & Cost Annual Allowance	110,000		110,000
		110,000	-	110,000
<b>Recreation</b>				
Capital Maintenance	Harry Jerome Community Recreation Centre	75,000		75,000
Capital Maintenance	Memorial Community Recreation Centre	15,000		15,000
Capital Maintenance	Mickey McDougall Community Recreation Centre	15,000		15,000
Capital Maintenance	Centennial Theatre	100,000		100,000
Capital Maintenance	John Braithwaite Community Recreation Centre	80,000		80,000
Major Redevelopment	Harry Jerome Community Centre - Redevelopment	14,100,000		14,100,000
Major Renovation	Harry Jerome Complex - Major Repairs	280,000		280,000
Block Funding	Block Funding - NVRC	75,000		75,000
Block Funding	NVRC Emergency Capital Replacement Fund	30,000		30,000
		14,770,000	-	14,770,000
<b>NVRCC</b>				
Recreation Equipment	NVRC Recreation Program Equipment	140,000		140,000
Building	NVRC Facility Access Control	60,000		60,000
IT Equipment	NVRC ITS Recreation Software Replacement	200,000	133,340	66,660
IT Equipment	Fibre Network Connection for HJ Community Rec Centre and Centennial Theatre	35,000		35,000
		435,000	133,340	301,660
<b>Museum &amp; Archives</b>				
I.T. Equipment	IT Refresh	23,450	11,725	11,725
Block Funding	Block Funding - Museum & Archives	20,000	10,000	10,000
		43,450	21,725	21,725

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
<b>Library</b>				
Capital Maintenance	Maintenance & Replacement for Civic Library	88,810		88,810
Capital Improvements	Café Connection to Main Floor Library	55,000		55,000
Block Funding	Block Funding - Library Equipment	20,000		20,000
General Equipment	RFID Sorter Retrofit	34,000		34,000
IT Equipment	Self-Service Payment System Renewal	20,000		20,000
IT Equipment	A/V System Renewal	30,000		30,000
Capital Improvements	Enclose Terrace / Technology Learning Centre	400,000		400,000
		647,810	-	647,810
<b>Public Art</b>				
Public Art	Civic Public Art Program	85,000		85,000
		85,000	-	85,000
<b>Streets</b>				
Parking and Streetscapes	Street Banner And Furnishing Program	10,000		10,000
Parking and Streetscapes	Living City Tree Planting Program	80,000	5,000	75,000
Sustainable Transportation Initiatives	Bicycle Route Improvements	200,000	100,000	100,000
Sustainable Transportation Initiatives	East Keith Road Multi-Modal Corridor Improvements, East Grand to Brooksbank	100,000		100,000
Safety/Pedestrian Improvements Program	Safe Routes to Schools	40,000		40,000
Safety/Pedestrian Improvements Program	Traffic Signs and Pavement Markings	50,000		50,000
Safety/Pedestrian Improvements Program	Local Traffic Safety Improvements	20,000		20,000
Safety/Pedestrian Improvements Program	Traffic Signal at 4th and Lonsdale (Pedestrian & Bike Safety)	215,000	80,000	135,000
Safety/Pedestrian Improvements Program	Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	30,000		30,000
Safety/Pedestrian Improvements Program	New Sidewalks to Complete Pedestrian Network	300,000		300,000
Safety/Pedestrian Improvements Program	Sidewalk Infill & Reconstruction	170,000		170,000
Safety/Pedestrian Improvements Program	St David's to Queensbury Neighbourhood - Short-Cutting Prevention Measures	150,000		150,000
Safety/Pedestrian Improvements Program	29th Street Corridor Operational Improvements	160,000	80,000	80,000
Cycling Improvements Program	Casano Loutet Overpass	400,000		400,000
Cycling Improvements Program	Chesterfield AAA Bike Route - 2nd to 4th	395,000		395,000
		2,320,000	265,000	2,055,000

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
<b>Traffic</b>				
Transit Program	Transit Improvements	30,000	15,000	15,000
Transportation Demand Management Program	Community Transportation Demand Management Program	90,000		90,000
Traffic Signal and Street Lighting Program	Traffic Signal System Upgrades	100,000		100,000
Traffic Signal and Street Lighting Program	Traffic Signal Pre-Emption for Fire Emergency Vehicles	75,000		75,000
Traffic Signal and Street Lighting Program	Pedestrian and Roadway Lighting Implementation	260,000		260,000
Traffic Signal and Street Lighting Program	Street Light and Traffic Signal Aging Pole Replacement	50,000	-	50,000
Parking and Streetscapes	Automated Monitoring Devices	50,000		50,000
	Lower Lonsdale On-Street Parking	30,000		30,000
Parking and Streetscapes	BC Hydro Beautification 119-131 West Esplanade & 120 Carrie Cates Court	200,000	40,000	160,000
Studies	Bicycle Master Plan Update	100,000	50,000	50,000
Studies	North Shore Transportation Improvements	200,000	100,000	100,000
Major Projects	Bridge Rehabilitation	50,000	-	50,000
Major Projects	Keith and Brooksbank Active Transportation Improvements	160,000		160,000
Major Projects	Mosquito Creek Bridge	5,050,000	3,366,667	1,683,333
Major Projects	3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard)	200,000		200,000
Major Projects	Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank)	150,000		150,000
Major Projects	Moodyville Neighbourhood Transportation Improvements	1,500,000		1,500,000
Local Area Service	Provision for Local Area Services - City Share	500,000		500,000
Pavement Management	Pavement Management: Streets and Lanes	2,000,000		2,000,000
Pavement Management	Pavement Condition Testing	75,000		75,000
Block Funding	Block Funding - Transportation	30,000		30,000
		10,900,000	3,571,667	7,328,333

**2018 PROJECT BUDGET  
FUNDING ALLOCATION  
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
<b>Parks &amp; Environment</b>				
Parks Specific location	Semisich Park Infrastructure Replacement	300,000		300,000
Parks Specific location	Mahon Park, Picnic Area and Pitch & Putt	500,000		500,000
Parks Specific location	Moodyville Park Master Plan and Implementation	2,200,000		2,200,000
Parks Specific location	Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000		100,000
Parks Specific location	Sutherland Field Turf Replacement	80,000		80,000
City Wide Programs	Irrigation System Upgrades	34,000		34,000
City Wide Programs	Chafer Beetle Turf Restoration	45,000		45,000
City Wide Programs	Wooden Bridge and Stair Replacement	45,000		45,000
City Wide Programs	Grass Sports Field Renovations	75,000		75,000
City Wide Programs	Play Equipment Replacement	35,000		35,000
City Wide Programs	Park & Greenways Trail Resurfacing	15,000		15,000
City Wide Programs	Parks Furnishings and Signage	35,000		35,000
City Wide Programs	Invasives Management and Forest Restoration	65,000		65,000
Greenways Program	Green Necklace -21st and Lonsdale Ave to 19th and Grand Boulevard	3,230,000		3,230,000
Greenways Program	Spirit Trail - Heywood St	550,000		550,000
Block Funding	Block Funding - Parks Infrastructure	75,000		75,000
		7,384,000	-	7,384,000
<b>TOTAL 2018 PROJECT PLAN</b>		<b>80,487,012</b>	<b>21,375,198</b>	<b>59,111,814</b>

**2018 PROJECT PLAN  
LAND AND MAJOR INVESTMENTS**

2018 LAND & MAJOR INVESTMENTS			EARLY 2018 FUNDING	SPRING 2018 FUNDING	2018 TSL FUND (Principal)	2018 PARK DCC FUND	2018 AFF HSING FUND	2018 CEMETERY FUND	2018 GENERAL RESERVE	TOTAL 2018 CITY FUNDING	2018 GRANTS & CONTRIB.	TOTAL ALLOCATED
ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED										
<b>Various Land Acquisitions</b>												
Strategic Land Acquisition	3,500,000	3,500,000		3,500,000	3,500,000					3,500,000		3,500,000
	<b>3,500,000</b>	<b>3,500,000</b>	-	<b>3,500,000</b>	<b>3,500,000</b>	-	-	-	-	<b>3,500,000</b>	-	<b>3,500,000</b>
<b>Parks Acquisition - DCC Bylaw Commitment</b>												
Provision for Park Acquisition	10,000,000	10,000,000		10,000,000		9,900,000			100,000	10,000,000		10,000,000
	<b>10,000,000</b>	<b>10,000,000</b>	-	<b>10,000,000</b>	-	<b>9,900,000</b>	-	-	<b>100,000</b>	<b>10,000,000</b>	-	<b>10,000,000</b>
<b>Major Investments</b>												
Affordable Housing - Potential Project	1,400,000	1,400,000		1,400,000			1,400,000			1,400,000		1,400,000
Provision for External Funding and Contributions	15,000,000	15,000,000		15,000,000						-	15,000,000	15,000,000
	<b>16,400,000</b>	<b>16,400,000</b>	-	<b>16,400,000</b>	-	-	<b>1,400,000</b>	-	-	<b>1,400,000</b>	<b>15,000,000</b>	<b>16,400,000</b>
<b>Cemetery</b>												
City Cemetery Program	300,000	300,000		300,000				300,000		300,000		300,000
	<b>300,000</b>	<b>300,000</b>	-	<b>300,000</b>	-	-	-	<b>300,000</b>	-	<b>300,000</b>	-	<b>300,000</b>
<b>TOTAL</b>	<b>30,200,000</b>	<b>30,200,000</b>	-	<b>30,200,000</b>	<b>3,500,000</b>	<b>9,900,000</b>	<b>1,400,000</b>	<b>300,000</b>	<b>100,000</b>	<b>15,200,000</b>	<b>15,000,000</b>	<b>30,200,000</b>

**2018 PROJECT BUDGET  
BUILDINGS**

2018 BUILDINGS			EARLY 2018 FUNDING	SPRING 2018 FUNDING	2018 ANNUAL BUDGET	2018 TSL FUND Prin	2018 TSL FUND Int	2018 CIVIC AMEN. FUND	2018 GEN BLDG FUND	2018 PARKING FUND	2018 HERITAGE RESERVE	2018 GENERAL RESERVE	TOTAL 2018 CITY FUNDING	2018 GRANTS & CONTRIB.	TOTAL ALLOCATED
ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL PROVIDED													
<b>Capital Maintenance</b>															
Maintenance & Replacement for Civic Centre	144,450	144,450	69,000	75,450	144,450								144,450		144,450
Maintenance & Replacement for Gerry Brewer Building	322,000	322,000		322,000	143,934								143,934	178,066	322,000
Maintenance & Replacement for Fire Hall	69,015	69,015		69,015	69,015								69,015		69,015
Maintenance & Replacement for City Owned/Non-City Used Buildings	235,935	235,935	130,000	105,935	105,935			130,000					235,935		235,935
Maintenance & Replacement for Parks Buildings	53,500	53,500		53,500	15,200				38,300				53,500		53,500
Maintenance & Replacement for Operations Centre	70,620	70,620		70,620	70,620								70,620		70,620
Maintenance & Replacement for Civic Library	88,810	88,810		88,810	88,810								88,810		88,810
The Shipyards - Lot 3 Building Maintenance	120,000	120,000		120,000								120,000	120,000		120,000
Gerry Brewer 2018 Security Reception Improvements	400,000	400,000		400,000			178,800						178,800	221,200	400,000
Harry Jerome Community Recreation Centre	75,000	75,000		75,000	75,000								75,000		75,000
Memorial Community Recreation Centre	15,000	15,000		15,000	15,000								15,000		15,000
Mickey McDougall Community Recreation Centre	15,000	15,000		15,000	15,000								15,000		15,000
Centennial Theatre	100,000	100,000		100,000	100,000								100,000		100,000
John Braithwaite Community Recreation Centre	80,000	80,000		80,000	80,000								80,000		80,000
	<b>1,789,330</b>	<b>1,789,330</b>	<b>199,000</b>	<b>1,590,330</b>	<b>922,964</b>	<b>-</b>	<b>178,800</b>	<b>130,000</b>	<b>38,300</b>	<b>-</b>	<b>-</b>	<b>120,000</b>	<b>1,390,064</b>	<b>399,266</b>	<b>1,789,330</b>
<b>Major Renovation</b>															
Harry Jerome Community Centre - Redevelopment	14,100,000	14,100,000		14,100,000				14,100,000					14,100,000		14,100,000
Harry Jerome Complex - Major Repairs	280,000	280,000		280,000								280,000	280,000		280,000
	<b>14,380,000</b>	<b>14,380,000</b>	<b>-</b>	<b>14,380,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>280,000</b>	<b>14,380,000</b>	<b>-</b>	<b>14,380,000</b>
<b>Proposed New Projects</b>															
Enclose Terrace / Technology Learning Centre	400,000	400,000		400,000				400,000					400,000		400,000
Café Connection to Main Floor Library	55,000	55,000		55,000				55,000					55,000		55,000
New Museum for NVMA	2,975,000	2,975,000		2,975,000				1,275,000					1,275,000	1,700,000	2,975,000
Central Waterfront Public Realm	400,000	400,000		400,000				400,000					400,000		400,000
Lot 5 Development	1,900,000	1,900,000	1,900,000	-				1,857,566		42,434			1,900,000		1,900,000
Central Waterfront Project Coordination and Oversight	425,000	425,000	425,000	-				425,000					425,000		425,000
Spirit Trail - Shipyards Connection	685,000	685,000		685,000				685,000					685,000		685,000
SeaBus Upgrades	250,000	250,000		250,000				250,000					250,000		250,000
Lower Lonsdale Wayfinding	80,000	80,000		80,000				80,000					80,000		80,000
Waterfront Properties - Remediation Performance Verification	75,000	75,000		75,000			75,000						75,000		75,000
Pipe Shop - The Shipyards - Lot 4 Building Start-Up and Provisioning	900,000	900,000		900,000				900,000					900,000		900,000
Feasibility North Shore Neighbourhood House	75,000	75,000		75,000				75,000					75,000		75,000
Civic Centre Improvements	393,000	393,000	123,000	270,000	123,000		270,000						393,000		393,000
Heritage Reserve Fund - Potential Projects	89,559	89,559		89,559							89,559		89,559		89,559
	<b>8,702,559</b>	<b>8,702,559</b>	<b>2,448,000</b>	<b>6,254,559</b>	<b>123,000</b>	<b>75,000</b>	<b>270,000</b>	<b>6,402,566</b>	<b>-</b>	<b>42,434</b>	<b>89,559</b>	<b>-</b>	<b>7,002,559</b>	<b>1,700,000</b>	<b>8,702,559</b>
<b>TOTAL</b>	<b>24,871,889</b>	<b>24,871,889</b>	<b>2,647,000</b>	<b>22,224,889</b>	<b>1,045,964</b>	<b>75,000</b>	<b>448,800</b>	<b>20,632,566</b>	<b>38,300</b>	<b>42,434</b>	<b>89,559</b>	<b>400,000</b>	<b>22,772,623</b>	<b>2,099,266</b>	<b>24,871,889</b>

**2018 PROJECT BUDGET  
STRUCTURES: TRANSPORTATION AND STREETS**

2018 TRANSPORTATION & STREETS			EARLY 2018 FUNDING	SPRING 2018 FUNDING	2018 ANNUAL BUDGET	2018 TSL FUND	2018 CIVIC AMEN. FUND	2018 MARINE DR FUND	2018 INFRAS. FUND	2018 LAS FUND	2018 TRANSP DCC FUND	2018 SUST. TRN. FUND	2018 PARKING FUND	2018 CARBON FUND	2018 GENERAL RESERVE	TOTAL 2018 CITY FUNDING	2018 GRANTS & CONTRIB.	TOTAL ALLOCATED
			(Interest)															
<b>ITEM DESCRIPTION</b>	<b>FUNDS REQUESTED</b>	<b>FUNDS PROVIDED</b>																
<b>Sustainable Transportation Initiatives</b>																		
Bicycle Route Improvements	200,000	200,000		200,000			50,500				49,500					100,000	100,000	200,000
East Keith Road Multi-Modal Corridor Improvements, East Grand to Brooksbank	100,000	100,000		100,000			100,000									100,000		100,000
	<b>300,000</b>	<b>300,000</b>	<b>-</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>150,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>49,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200,000</b>	<b>100,000</b>	<b>300,000</b>
<b>Safety/Pedestrian Improvements Program</b>																		
Safe Routes to Schools	40,000	40,000		40,000	40,000											40,000		40,000
Traffic Signs and Pavement Markings	50,000	50,000		50,000	50,000											50,000		50,000
Local Traffic Safety Improvements	20,000	20,000		20,000	20,000											20,000		20,000
Traffic Signal at 4th and Lonsdale (Pedestrian & Bike Safety)	215,000	215,000	135,000	80,000	68,175						66,825					135,000	80,000	215,000
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	30,000	30,000		30,000	15,150						14,850					30,000		30,000
New Sidewalks to Complete Pedestrian Network	300,000	300,000	300,000	-			151,500				148,500					300,000		300,000
Sidewalk Infill & Reconstruction St David's to Queensbury Neighbourhood - Short-Cutting Prevention Measures	170,000	170,000	170,000	-	170,000											170,000		170,000
	150,000	150,000		150,000	150,000											150,000		150,000
29th Street Corridor Operational Improvements	160,000	160,000		160,000	80,000											80,000	80,000	160,000
	<b>1,135,000</b>	<b>1,135,000</b>	<b>605,000</b>	<b>530,000</b>	<b>593,325</b>	<b>-</b>	<b>151,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>230,175</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>975,000</b>	<b>160,000</b>	<b>1,135,000</b>
<b>Cycling Improvements Program</b>																		
Casano Loutet Overpass	400,000	400,000		400,000			202,000				198,000					400,000		400,000
Chesterfield AAA Bike Route - 2nd to 4th	395,000	395,000		395,000			199,475				195,525					395,000		395,000
	<b>795,000</b>	<b>795,000</b>	<b>-</b>	<b>795,000</b>	<b>-</b>	<b>-</b>	<b>401,475</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>393,525</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>795,000</b>	<b>-</b>	<b>795,000</b>
<b>Transit Program</b>																		
Transit Improvements	30,000	30,000		30,000			2					14,998				15,000	15,000	30,000
	<b>30,000</b>	<b>30,000</b>	<b>-</b>	<b>30,000</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14,998</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,000</b>	<b>15,000</b>	<b>30,000</b>
<b>Transportation Demand Management Program</b>																		
Community Transportation Demand Management Program	90,000	90,000		90,000										90,000		90,000		90,000
	<b>90,000</b>	<b>90,000</b>	<b>-</b>	<b>90,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>90,000</b>	<b>-</b>	<b>90,000</b>	<b>-</b>	<b>90,000</b>
<b>Traffic Signal and Street Lighting Program</b>																		
Traffic Signal System Upgrades	100,000	100,000		100,000	100,000											100,000		100,000
Traffic Signal Pre-Emption for Fire Emergency Vehicles	75,000	75,000		75,000		75,000										75,000		75,000
Pedestrian and Roadway Lighting Implementation	260,000	260,000		260,000	131,300						128,700					260,000		260,000
Street Light and Traffic Signal Aging Pole Replacement	50,000	50,000	50,000	-	50,000											50,000		50,000
Automated Monitoring Devices	50,000	50,000		50,000	50,000											50,000		50,000
	<b>535,000</b>	<b>535,000</b>	<b>50,000</b>	<b>485,000</b>	<b>331,300</b>	<b>75,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>128,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>535,000</b>	<b>-</b>	<b>535,000</b>

**2018 PROJECT BUDGET**  
**STRUCTURES: TRANSPORTATION AND STREETS**

2018 TRANSPORTATION & STREETS			EARLY 2018 FUNDING	SPRING 2018 FUNDING	2018 ANNUAL BUDGET	2018 TSL FUND	2018 CIVIC AMEN. FUND	2018 MARINE DR FUND	2018 INFRAST. FUND	2018 LAS FUND	2018 TRANSP DCC FUND	2018 SUST. TRN. FUND	2018 PARKING FUND	2018 CARBON FUND	2018 GENERAL RESERVE	TOTAL 2018 CITY FUNDING	2018 GRANTS & CONTRIB.	TOTAL ALLOCATED
			(Interest)															
ITEM DESCRIPTION	FUNDS REQUESTED	FUNDS PROVIDED																
<b>Parking and Streetscapes</b>																		
Street Banner And Furnishing Program	10,000	10,000	10,000	-	10,000											10,000		10,000
Living City Tree Planting Program	80,000	80,000		80,000											75,000	75,000	5,000	80,000
Lower Lonsdale On-Street Parking	30,000	30,000		30,000							14,850		15,150			30,000		30,000
BC Hydro Beautification 119-131 West Esplanade & 120 Carrie Cates Court	200,000	200,000		200,000											160,000	160,000	40,000	200,000
	<b>320,000</b>	<b>320,000</b>	<b>10,000</b>	<b>310,000</b>	<b>10,000</b>	-	-	-	-	-	<b>14,850</b>	-	<b>15,150</b>	-	<b>235,000</b>	<b>275,000</b>	<b>45,000</b>	<b>320,000</b>
<b>Studies</b>																		
Bicycle Master Plan Update	100,000	100,000		100,000		50,000										50,000	50,000	100,000
North Shore Transportation Improvements	200,000	200,000	100,000	100,000		100,000										100,000	100,000	200,000
	<b>300,000</b>	<b>300,000</b>	<b>100,000</b>	<b>200,000</b>	-	<b>150,000</b>	-	-	-	-	-	-	-	-	-	<b>150,000</b>	<b>150,000</b>	<b>300,000</b>
<b>Major Projects</b>																		
Bridge Rehabilitation	50,000	50,000		50,000	50,000											50,000		50,000
Keith and Brooksbank Active Transportation Improvements	160,000	160,000		160,000							79,200	80,800				160,000		160,000
Mosquito Creek Bridge	5,050,000	5,050,000	1,683,333	3,366,667			25,512	178,000			957,000				522,821	1,683,333	3,366,667	5,050,000
3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard)	200,000	200,000		200,000							99,000					200,000		200,000
Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank)	150,000	150,000		150,000							74,250				75,750	150,000		150,000
Moodyville Neighbourhood Transportation Improvements	1,500,000	1,500,000	200,000	1,300,000			757,500				742,500					1,500,000		1,500,000
	<b>7,110,000</b>	<b>7,110,000</b>	<b>1,883,333</b>	<b>5,226,667</b>	<b>50,000</b>	-	<b>884,012</b>	<b>178,000</b>	-	-	<b>1,951,950</b>	<b>80,800</b>	-	-	<b>598,571</b>	<b>3,743,333</b>	<b>3,366,667</b>	<b>7,110,000</b>
<b>Local Area Service</b>																		
Provision for Local Area Services - City Share	500,000	500,000		500,000							500,000					500,000		500,000
	<b>500,000</b>	<b>500,000</b>	-	<b>500,000</b>	-	-	-	-	-	<b>500,000</b>	-	-	-	-	-	<b>500,000</b>	-	<b>500,000</b>
<b>Pavement Management</b>																		
Pavement Management: Streets and Lanes	2,000,000	2,000,000	2,000,000	-	693,800				196,967						1,109,233	2,000,000		2,000,000
Pavement Condition Testing	75,000	75,000	75,000	-	75,000											75,000		75,000
	<b>2,075,000</b>	<b>2,075,000</b>	<b>2,075,000</b>	-	<b>768,800</b>	-	-	-	<b>196,967</b>	-	-	-	-	-	<b>1,109,233</b>	<b>2,075,000</b>	-	<b>2,075,000</b>
<b>TOTAL</b>	<b>13,190,000</b>	<b>13,190,000</b>	<b>4,723,333</b>	<b>8,466,667</b>	<b>1,753,425</b>	<b>225,002</b>	<b>1,587,487</b>	<b>178,000</b>	<b>196,967</b>	<b>500,000</b>	<b>2,768,700</b>	<b>95,798</b>	<b>15,150</b>	<b>90,000</b>	<b>1,942,804</b>	<b>9,353,333</b>	<b>3,836,667</b>	<b>13,190,000</b>



**2018 PROJECT BUDGET  
STRUCTURES: PARKS AND ENVIRONMENT**

2018 PARKS & ENVIRONMENT			EARLY 2018 FUNDING	SPRING 2018 FUNDING	2018 ANNUAL BUDGET	2018 CIVIC AMENITY FUND	2018 PARK DCC FUND	2018 GENERAL RESERVE	TOTAL 2018 CITY FUNDING	2018 GRANTS & CONTRIB.	TOTAL ALLOCATED
ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED									
<b>Park Specific</b>											
Semisch Park Infrastructure Replacement	300,000	300,000		300,000		300,000			300,000		300,000
Mahon Park, Picnic Area and Pitch & Putt	500,000	500,000		500,000		500,000			500,000		500,000
Moodyville Park Master Plan and Implementation	2,200,000	2,200,000	2,200,000	-		2,200,000			2,200,000		2,200,000
Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000	100,000		100,000		100,000			100,000		100,000
Sutherland Field Turf Replacement	80,000	80,000		80,000				80,000	80,000		80,000
	<b>3,180,000</b>	<b>3,180,000</b>	<b>2,200,000</b>	<b>980,000</b>	<b>-</b>	<b>3,100,000</b>	<b>-</b>	<b>80,000</b>	<b>3,180,000</b>	<b>-</b>	<b>3,180,000</b>
<b>City Wide Programs</b>											
Irrigation System Upgrades	34,000	34,000		34,000	34,000				34,000		34,000
Chafer Beetle Turf Restoration	45,000	45,000		45,000	45,000				45,000		45,000
Wooden Bridge and Stair Replacement	45,000	45,000		45,000	45,000				45,000		45,000
Grass Sports Field Renovations	75,000	75,000		75,000	75,000				75,000		75,000
Play Equipment Replacement	35,000	35,000		35,000	35,000				35,000		35,000
Park & Greenways Trail Resurfacing	15,000	15,000		15,000	15,000				15,000		15,000
Parks Furnishings and Signage	35,000	35,000		35,000	35,000				35,000		35,000
Invasives Management and Forest Restoration	65,000	65,000		65,000	65,000				65,000		65,000
	<b>349,000</b>	<b>349,000</b>	<b>-</b>	<b>349,000</b>	<b>349,000</b>	<b>-</b>	<b>-</b>		<b>349,000</b>	<b>-</b>	<b>349,000</b>
<b>Greenways Program</b>											
Green Necklace -21st and Lonsdale Ave to 19th and Grand Boulevard	3,230,000	3,230,000	3,230,000	-		1,631,150	1,598,850		3,230,000		3,230,000
Spirit Trail - Heywood St	550,000	550,000		550,000		277,750	272,250		550,000		550,000
	<b>3,780,000</b>	<b>3,780,000</b>	<b>3,230,000</b>	<b>550,000</b>	<b>-</b>	<b>1,908,900</b>	<b>1,871,100</b>	<b>-</b>	<b>3,780,000</b>	<b>-</b>	<b>3,780,000</b>
									<b>-</b>		<b>-</b>
<b>TOTAL</b>	<b>7,309,000</b>	<b>7,309,000</b>	<b>5,430,000</b>	<b>1,879,000</b>	<b>349,000</b>	<b>5,008,900</b>	<b>1,871,100</b>	<b>80,000</b>	<b>7,309,000</b>	<b>-</b>	<b>7,309,000</b>

**201 PROJECT BUDGET  
STRUCTURES: PUBLIC ART**

<b>2018 PUBLIC ART</b>			<b>EARLY 2018 FUNDING</b>	<b>SPRING 2018 FUNDING</b>	<b>2018 ANNUAL BUDGET</b>	<b>2018 PUBLIC ART FUND</b>	<b>2018 GRANTS &amp; CONTRIB.</b>	<b>TOTAL 2018 CITY FUNDING</b>	<b>TOTAL ALLOCATED</b>
<b>ITEM DESCRIPTION</b>	<b>TOTAL FUNDS REQUESTED</b>	<b>TOTAL FUNDS PROVIDED</b>							
Civic Public Art Program	85,000	85,000		85,000		85,000		85,000	85,000
Provisions of 1% of revenue from LL Land Sales to Public Art Projects	-	-		-		-		-	-
	<b>85,000</b>	<b>85,000</b>	-	<b>85,000</b>	-	<b>85,000</b>	-	<b>85,000</b>	<b>85,000</b>

**2018 PROJECT PLAN  
EQUIPMENT**

2018 EQUIPMENT				EARLY 2018 FUNDING	SPRING 2018 FUNDING	2018 ANNUAL BUDGET	2018 TSL FUND	2018 GEN EQUIP FUND	2018 FIRE EQUIP FUND	2018 COMP EQUIP FUND	2018 GENERAL RESERVE	TOTAL 2018 CITY FUNDING	2018 GRANTS & CONTRIB.	TOTAL ALLOCATED
DEPARTMENT	ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED	(Interest)										
<b>Computer Equipment</b>														
I.T.	User Device Replacements	150,000	150,000	150,000	-	100,545				49,455		150,000		150,000
I.T.	Data Centre Infrastructure	150,000	150,000	150,000	-	150,000						150,000		150,000
I.T.	Fibre Infrastructure	75,000	75,000	75,000	-	75,000						75,000		75,000
I.T.	Backup & Recovery	150,000	150,000	150,000	-	150,000						150,000		150,000
I.T.	Agenda Management software	75,000	75,000	75,000	-	75,000						75,000		75,000
I.T.	Cyber Security	165,000	165,000	165,000	-	165,000						165,000		165,000
I.T.	Peoplesoft HCM Benefits, Performance, Auxiliary & Reporting automation	100,000	100,000		100,000	100,000						100,000		100,000
I.T.	Engineering Business Process Owner	50,000	50,000		50,000	50,000						50,000		50,000
Bylaw	Licence Plate Recognition Camera and Technology Replacement & Cost Annual Allowance	110,000	110,000	110,000	-						110,000	110,000		110,000
Library	Self-Service Payment System Renewal	20,000	20,000		20,000	20,000						20,000		20,000
Library	A/V System Renewal	30,000	30,000		30,000	30,000						30,000		30,000
NVMA	IT Refresh	23,450	23,450		23,450	11,725						11,725	11,725	23,450
NVRCC	NVRC ITS Recreation Software Replacement	200,000	200,000	66,660	133,340	66,660						66,660	133,340	200,000
NVRCC	Fibre Network Connection for HJ Community Rec Centre and Centennial Theatre	35,000	35,000		35,000	35,000						35,000		35,000
		<b>1,333,450</b>	<b>1,333,450</b>	<b>941,660</b>	<b>391,790</b>	<b>1,028,930</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>49,455</b>	<b>110,000</b>	<b>1,188,385</b>	<b>145,065</b>	<b>1,333,450</b>
<b>Fire Equipment</b>														
<b>Equipment Replacement</b>														
	Turnout Gear	40,000	40,000		40,000				40,000			40,000		40,000
	Auto Extrication	60,000	60,000		60,000				60,000			60,000		60,000
	AED Defibrillators	20,000	20,000		20,000				20,000			20,000		20,000
	Fire Hose and Nozzles	25,000	25,000		25,000				25,000			25,000		25,000
	Misc. Rescue Equipment	20,000	20,000		20,000				20,000			20,000		20,000
		<b>165,000</b>	<b>165,000</b>	<b>-</b>	<b>165,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>165,000</b>	<b>-</b>	<b>-</b>	<b>165,000</b>	<b>-</b>	<b>165,000</b>
<b>General Equipment</b>														
Facilities	Furniture and Equipment	149,800	149,800		149,800	122,150						122,150	27,650	149,800
Eng	Survey Instrument Replacement	50,000	50,000		50,000		50,000					50,000		50,000
		<b>199,800</b>	<b>199,800</b>	<b>-</b>	<b>199,800</b>	<b>122,150</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>172,150</b>	<b>27,650</b>	<b>199,800</b>
<b>Recreation Equipment</b>														
NVRC	NVRC Recreation Program Equipment	140,000	140,000		140,000	140,000						140,000		140,000
NVRC	NVRC Facility Access Control	60,000	60,000		60,000	60,000						60,000		60,000
Library	RFID Sorter Retrofit	34,000	34,000		34,000			34,000				34,000		34,000
		<b>234,000</b>	<b>234,000</b>	<b>-</b>	<b>234,000</b>	<b>200,000</b>	<b>-</b>	<b>34,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>234,000</b>	<b>-</b>	<b>234,000</b>
<b>TOTAL</b>		<b>1,932,250</b>	<b>1,932,250</b>	<b>941,660</b>	<b>990,590</b>	<b>1,351,080</b>	<b>50,000</b>	<b>34,000</b>	<b>165,000</b>	<b>49,455</b>	<b>110,000</b>	<b>1,759,535</b>	<b>172,715</b>	<b>1,932,250</b>

**2018 PROJECT PLAN  
VEHICLES**

2018 VEHICLES					EARLY 2018 FUNDING	SPRING 2018 FUNDING	2018 TSL FUND	2018 FIRE EQUIP FUND	2018 ENG EQUIP FUND	2018 GRANTS & CONTRIB.	TOTAL 2018 CITY FUNDING	TOTAL ALLOCATED
							(Interest)					
					<b>TOTAL FUNDS REQUESTED</b>	<b>TOTAL FUNDS PROVIDED</b>						
<b>Engineering Vehicles Replacement</b>												
<b>UNIT #</b>	<b>YEAR</b>	<b>DESCRIPTION</b>										
156	2008	Pick-up Truck 1	45,000	45,000		45,000		45,000			45,000	45,000
164	2008	Pick-up Truck 2	45,000	45,000		45,000		45,000			45,000	45,000
162	2000	Single Axle Dump Truck 1	250,000	250,000		250,000		250,000			250,000	250,000
085	1998	Single Axle Dump Truck 2	100,000	100,000		100,000		100,000			100,000	100,000
151	2017	Tandem Axle Dump Truck	75,000	75,000		75,000		75,000			75,000	75,000
067	1998	Crane Truck	240,000	240,000		240,000		240,000			240,000	240,000
379	2011	Riding Mower 1	55,000	55,000		55,000		55,000			55,000	55,000
380	2011	Riding Mower 2	45,000	45,000		45,000		45,000			45,000	45,000
154	2011	Sweeper	250,000	250,000		250,000		250,000			250,000	250,000
149	2007	Chipper / G8 Park Vacuum	50,000	50,000		50,000		50,000			50,000	50,000
190	2008	Mini Dump	120,000	120,000		120,000		120,000			120,000	120,000
			<b>1,275,000</b>	<b>1,275,000</b>	<b>-</b>	<b>1,275,000</b>	<b>-</b>	<b>1,275,000</b>	<b>-</b>	<b>-</b>	<b>1,275,000</b>	<b>1,275,000</b>
				-		-		-			-	-
new		Snow and Ice Equipment	140,000	140,000		140,000	140,000				140,000	140,000
			<b>140,000</b>	<b>140,000</b>	<b>-</b>	<b>140,000</b>	<b>140,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>140,000</b>	<b>140,000</b>
<b>Fire Vehicles Replacement</b>												
<b>UNIT #</b>	<b>YEAR</b>	<b>DESCRIPTION</b>										
	2005	Dodge 3/4 ton Pick-up	65,000	65,000		65,000		65,000			65,000	65,000
			<b>65,000</b>	<b>65,000</b>	<b>-</b>	<b>65,000</b>	<b>-</b>	<b>65,000</b>	<b>-</b>	<b>-</b>	<b>65,000</b>	<b>65,000</b>
				-		-		-			-	-
<b>TOTAL</b>			<b>1,480,000</b>	<b>1,480,000</b>	<b>-</b>	<b>1,480,000</b>	<b>140,000</b>	<b>65,000</b>	<b>1,275,000</b>	<b>-</b>	<b>1,480,000</b>	<b>1,480,000</b>

**2018 PROJECT PLAN  
BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES**

2018 BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED	EARLY 2018 FUNDING	SPRING 2018 FUNDING	2018 ANNUAL BUDGET	2018 TSL FUND	2018 GEN EQUP FUND	2018 FIRE EQUP FUND	2018 COMP EQUP FUND	2018 ENG EQUP FUND	2018 CHILD CARE CAP IMP	2018 GENERAL RESERVE	TOTAL 2018 CITY FUNDING	2018 GRANTS & CONTRIB.	TOTAL ALLOCATED
			(Interest)												
<b>Block Funding</b>															
Block Funding - City Used Buildings	80,000	80,000		80,000	80,000								80,000		80,000
Block Funding - Non-City Used Buildings	80,000	80,000		80,000	80,000								80,000		80,000
Block Funding - Gerry Brewer Building	65,217	65,217		65,217	30,000								30,000	35,217	65,217
Block Funding - Information Technology	100,000	100,000	100,000	-	100,000								100,000		100,000
Block Funding - Parks Infrastructure	75,000	75,000		75,000	75,000								75,000		75,000
Block Funding - Transportation	30,000	30,000		30,000	30,000								30,000		30,000
Block Funding - Engineering Equipment	50,000	50,000		50,000	50,000								50,000		50,000
Block Funding - Waterfront Asset Infrastructure	50,000	50,000		50,000	50,000								50,000		50,000
Block Funding - Community Services	10,000	10,000		10,000	10,000								10,000		10,000
Block Funding - Fire Department	-	-		-	-								-		-
Block Funding- Police Equipment	50,000	50,000		50,000	23,000								23,000	27,000	50,000
Block Funding - Library Equipment	20,000	20,000		20,000	20,000								20,000		20,000
Block Funding - Museum & Archives	20,000	20,000		20,000	10,000								10,000	10,000	20,000
Block Funding - NVRC	75,000	75,000		75,000	55,732		19,268						75,000		75,000
NVRC Emergency Capital Replacement Fund	30,000	30,000		30,000	30,000								30,000		30,000
	<b>735,217</b>	<b>735,217</b>	<b>100,000</b>	<b>635,217</b>	<b>643,732</b>	<b>-</b>	<b>19,268</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>663,000</b>	<b>72,217</b>	<b>735,217</b>
<b>On-Going Programs</b>															
Child Care Capital Improvement Fund	9,323	9,323		9,323	-						9,323		9,323		9,323
	<b>9,323</b>	<b>9,323</b>	<b>-</b>	<b>9,323</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,323</b>	<b>-</b>	<b>9,323</b>	<b>-</b>	<b>9,323</b>
<b>Other Projects</b>															
Streamlining Development Controls (Year 3 of 3)	60,000	60,000		60,000								60,000	60,000		60,000
Child Care Strategy Implementation Projects	40,000	40,000		40,000								40,000	40,000		40,000
Public Space Place-making Support - Project Funding	30,000	30,000	30,000	-								30,000	30,000		30,000
Fun City Festival	85,000	85,000	35,000	50,000								35,000	35,000	50,000	85,000
Economic Partnership North Vancouver (Year 3 of 3 year commitment)	103,333	103,333	40,000	63,333								40,000	40,000	63,333	103,333
Shipbuilders' Square and Public Realm Events	121,000	121,000		121,000								90,000	90,000	31,000	121,000
Service Needs Analysis for Lower Lonsdale - Library	10,000	10,000		10,000								10,000	10,000		10,000
Functional Plan Review - Library	25,000	25,000		25,000								25,000	25,000		25,000
Corporate Climate Action Implementation	200,000	200,000	150,000	50,000								150,000	150,000	50,000	200,000
	<b>674,333</b>	<b>674,333</b>	<b>255,000</b>	<b>419,333</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>480,000</b>	<b>480,000</b>	<b>194,333</b>	<b>674,333</b>
<b>TOTAL</b>	<b>1,418,873</b>	<b>1,418,873</b>	<b>355,000</b>	<b>1,063,873</b>	<b>643,732</b>	<b>-</b>	<b>19,268</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,323</b>	<b>480,000</b>	<b>1,152,323</b>	<b>266,550</b>	<b>1,418,873</b>
<b>Total Equipment</b>															
<b>2018 Equipment</b>	1,932,250	1,932,250	941,660	990,590	1,351,080	50,000	34,000	165,000	49,455	-	-	110,000	1,759,535	172,715	1,932,250
<b>2018 Vehicles</b>	1,480,000	1,480,000	-	1,480,000	-	140,000	-	65,000	-	1,275,000	-	-	-	1,480,000	1,480,000
<b>2018 Block Funding, On-Going Programs, One Time Studies</b>	1,418,873	1,418,873	355,000	1,063,873	643,732	-	19,268	-	-	-	9,323	480,000	1,152,323	266,550	1,418,873
	<b>4,831,123</b>	<b>4,831,123</b>	<b>1,296,660</b>	<b>3,534,463</b>	<b>1,994,812</b>	<b>190,000</b>	<b>53,268</b>	<b>230,000</b>	<b>49,455</b>	<b>1,275,000</b>	<b>9,323</b>	<b>590,000</b>	<b>2,911,858</b>	<b>1,919,265</b>	<b>4,831,123</b>

**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, 2018 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	\$ -	\$ 32,000,000	\$ -	\$ 32,000,000
2 - Buildings	8,124,365	46,582,559	6,938,000	61,644,924
3 - Streets & Transportation	27,015,000	6,090,000	41,940,000	75,045,000
4 - Parks & Environment	7,935,000	10,530,000	4,325,000	22,790,000
5 - Public Art	-	850,000	-	850,000
6 - General Equipment	3,995,650	-	60,000	4,055,650
7 - IT Equipment	8,286,053	-	1,590,000	9,876,053
8 - Engineering Equipment	50,000	6,437,000	140,000	6,627,000
9 - Fire Equipment	-	4,560,000	-	4,560,000
10 - Block Funding, Ongoing Progr, Other Projects	7,925,503	259,323	926,000	9,110,826
<b>TOTAL</b>	<b>\$ 63,331,571</b>	<b>\$ 107,308,882</b>	<b>\$ 55,919,000</b>	<b>\$ 226,559,453</b>



## 2018 - 2027 PROJECT PLAN SUMMARY

	2018	2019	2020	2021	2022	2023-2027	TOTAL
<b>LAND/MAJOR INVESTMENTS</b>							
Funding Requested	30,200,000	200,000	200,000	200,000	200,000	\$1,000,000	\$32,000,000
City Funding	15,200,000	200,000	200,000	200,000	200,000	1,000,000	17,000,000
Contributions	15,000,000	-	-	-	-	-	15,000,000
Funded Amount	30,200,000	200,000	200,000	200,000	200,000	1,000,000	32,000,000
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>BUILDINGS</b>							
Funding Requested	\$ 24,871,889	\$ 7,903,985	\$ 4,130,680	\$ 3,141,260	\$ 3,238,950	\$18,358,160	\$61,644,924
City Funding	22,772,623	6,857,859	3,961,958	3,051,714	3,103,347	18,156,898	57,904,398
Contributions	2,099,266	1,046,126	168,722	89,546	135,603	201,262	3,740,526
Funded Amount	24,871,889	7,903,985	4,130,680	3,141,260	3,238,950	18,358,160	61,644,924
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>STRUCTURES</b>							
Funding Requested	\$ 20,584,000	\$ 15,689,000	\$ 7,329,000	\$ 12,209,000	\$ 11,124,000	\$31,750,000	\$98,685,000
City Funding	16,747,333	11,917,334	6,459,000	8,455,667	9,814,000	29,920,000	83,313,334
Contributions	3,836,667	3,771,666	870,000	3,753,333	1,310,000	1,830,000	15,371,666
Funded Amount	20,584,000	15,689,000	7,329,000	12,209,000	11,124,000	31,750,000	98,685,000
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>EQUIPMENT</b>							
Funding Requested	\$ 4,831,123	\$ 4,631,820	\$ 3,776,167	\$ 4,913,167	\$ 2,495,317	\$ 13,581,935	\$ 34,229,529
City Funding	4,391,858	4,399,628	3,627,442	4,681,702	2,327,153	12,867,550	32,295,334
Contributions	439,265	232,192	148,725	231,465	168,164	714,385	1,934,195
Funded Amount	4,831,123	4,631,820	3,776,167	4,913,167	2,495,317	13,581,935	34,229,529
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>GENERAL CAPITAL TOTALS</b>							
<b>FUNDING REQUESTED</b>	\$ 80,487,012	\$28,424,805	\$15,435,847	\$20,463,427	\$17,058,267	\$64,690,095	\$226,559,453
<b>CITY FUNDING</b>	59,111,814	23,374,821	14,248,400	16,389,084	15,444,500	61,944,448	190,513,066
<b>CONTRIBUTIONS</b>	21,375,198	5,049,984	1,187,447	4,074,343	1,613,767	2,745,647	36,046,387
<b>FUNDING EXCESS (SHORTFALL)</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>WATER UTILITY</b>							
Funding Requested	\$ 1,906,000	\$ 2,727,250	\$ 1,947,250	\$ 1,863,000	\$ 1,899,000	\$ 9,592,500	\$ 19,935,000
City Funding	1,906,000	2,727,250	1,947,250	1,863,000	1,899,000	9,592,500	19,935,000
Contributions	-	-	-	-	-	-	-
Funded Amount	1,906,000	2,727,250	1,947,250	1,863,000	1,899,000	9,592,500	19,935,000
Unfunded	0	0	0	0	0	0	0
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>SEWER UTILITY</b>							
Funding Requested	\$ 1,431,000	\$ 1,111,000	\$ 1,021,000	\$ 827,500	\$ 1,036,000	\$ 5,940,500	\$ 11,367,000
City Funding	1,431,000	1,111,000	1,021,000	827,500	1,036,000	5,940,500	11,367,000
Contributions	-	-	-	-	-	-	-
Funded Amount	1,431,000	1,111,000	1,021,000	827,500	1,036,000	5,940,500	11,367,000
Unfunded	0	0	0	0	0	0	0
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>DRAINAGE UTILITY</b>							
Funding Requested	\$ 875,000	\$ 1,570,000	\$ 1,575,000	\$ 1,555,000	\$ 1,590,000	\$ 7,230,000	\$ 14,395,000
City Funding	875,000	1,570,000	1,575,000	1,555,000	1,590,000	7,230,000	14,395,000
Contributions	-	-	-	-	-	-	-
Funded Amount	875,000	1,570,000	1,575,000	1,555,000	1,590,000	7,230,000	14,395,000
Unfunded	0	0	0	0	0	0	0
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>UTILITY CAPITAL TOTALS</b>							
<b>FUNDING REQUESTED</b>	\$ 4,212,000	\$ 5,408,250	\$ 4,543,250	\$ 4,245,500	\$ 4,525,000	\$ 22,763,000	\$ 45,697,000
<b>CITY FUNDING</b>	4,212,000	5,408,250	4,543,250	4,245,500	4,525,000	22,763,000	45,697,000
<b>CONTRIBUTIONS</b>	-	-	-	-	-	-	-
<b>FUNDING EXCESS (SHORTFALL)</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTALS</b>							
<b>FUNDING REQUESTED</b>	\$ 84,699,012	\$ 33,833,055	\$ 19,979,097	\$ 24,708,927	\$ 21,583,267	\$87,453,095	\$272,256,453
<b>CITY FUNDING</b>	63,323,814	28,783,071	18,791,650	20,634,584	19,969,500	84,707,448	236,210,066
<b>CONTRIBUTIONS</b>	21,375,198	5,049,984	1,187,447	4,074,343	1,613,767	2,745,647	36,046,387
<b>FUNDING EXCESS (SHORTFALL)</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**2018 - 2027 PROJECT PLAN  
PROJECTS FUNDED MATCHED TO FUNDING SOURCES**

	2018	2019	2020	2021	2022	2023-2027	TOTAL
<b>LAND &amp; MAJOR INVESTMENTS - TAB 1</b>							
Various Land Acquisitions	3,500,000	-	-	-	-	-	3,500,000
Parks Acquisition	10,000,000	-	-	-	-	-	10,000,000
Major Investments	16,400,000	200,000	200,000	200,000	200,000	1,000,000	18,200,000
Cemetery	300,000	-	-	-	-	-	300,000
<b>Funding Requested</b>	<b>\$ 30,200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 1,000,000</b>	<b>\$ 32,000,000</b>
<b>City Funding Provided</b>							
TSL Principal	3,500,000	-	-	-	-	-	3,500,000
Parks DCC Reserve	9,900,000	-	-	-	-	-	9,900,000
General Reserve	100,000	0	0	0	0	-	100,000
Affordable Housing Reserve	1,400,000	200,000	200,000	200,000	200,000	1,000,000	3,200,000
Cemetery Development Reserve	300,000	-	-	-	-	-	300,000
<b>City Funding Provided</b>	<b>15,200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>17,000,000</b>
Contributions	15,000,000	-	-	-	-	-	15,000,000
<b>Total Funding Provided</b>	<b>30,200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>32,000,000</b>
Unfunded	-	-	-	-	-	-	-
<b>Excess Funding (Shortfall)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>BUILDINGS - TAB 2</b>							
<b>Capital Maintenance</b>							
<b>Funding Requested</b>	<b>\$ 1,789,330</b>	<b>\$ 2,215,985</b>	<b>\$ 1,180,680</b>	<b>\$ 541,260</b>	<b>\$ 638,950</b>	<b>\$ 1,758,160</b>	<b>\$ 8,124,365</b>
<b>City Funding Provided</b>							
Annual Budget	922,964	1,639,859	1,007,959	451,714	503,347	1,556,898	6,082,740
TSL Interest	178,800	180,000	-	-	-	-	358,800
Building Reserve	-	-	358	-	-	-	358
Justice Administration Building Reserve	-	-	3,641	-	-	-	3,641
Civic Amenity	130,000	-	-	-	-	-	130,000
Building Reserve	38,300	-	-	-	-	-	38,300
General Reserve	120,000	-	-	-	-	-	120,000
<b>City Funding Provided</b>	<b>1,390,064</b>	<b>1,819,859</b>	<b>1,011,958</b>	<b>451,714</b>	<b>503,347</b>	<b>1,556,898</b>	<b>6,733,839</b>
Contributions	399,266	396,126	168,722	89,546	135,603	201,262	1,390,526
<b>Total Funding Provided</b>	<b>1,789,330</b>	<b>2,215,985</b>	<b>1,180,680</b>	<b>541,260</b>	<b>638,950</b>	<b>1,758,160</b>	<b>8,124,365</b>
Unfunded	-	-	-	-	-	-	-
<b>Excess Funding (Shortfall)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Major Renovation Requirements</b>							
<b>Funding Requested</b>	<b>\$ 14,380,000</b>	<b>\$ 2,800,000</b>	<b>\$ 2,800,000</b>	<b>\$ 2,600,000</b>	<b>\$ 2,600,000</b>	<b>\$ 13,000,000</b>	<b>\$ 38,180,000</b>
<b>City Funding Provided</b>							
Annual Budget	-	-	-	-	-	-	-
TSL Interest	-	-	-	-	-	-	-
Civic Amenity Fund	14,100,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000	37,500,000
General Reserve	280,000	200,000	200,000	-	-	-	680,000
Building Reserve	-	-	-	-	-	-	-
<b>City Funding Provided</b>	<b>14,380,000</b>	<b>2,800,000</b>	<b>2,800,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>13,000,000</b>	<b>38,180,000</b>
Contributions	-	-	-	-	-	-	-
<b>Total Funding Provided</b>	<b>14,380,000</b>	<b>2,800,000</b>	<b>2,800,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>13,000,000</b>	<b>38,180,000</b>
Unfunded	-	-	-	-	-	-	-
<b>Excess Funding (Shortfall)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Proposed New Projects</b>							
<b>Funding Requested</b>	<b>8,702,559</b>	<b>2,888,000</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>3,600,000</b>	<b>15,340,559</b>
<b>City Funding Provided</b>							
Annual Budget	123,000	330,000	110,626	-	-	2,462,439	3,026,065
Tax Sale Land Principal	75,000	75,000	-	-	-	-	150,000
TSL Interest	270,000	5,000	-	-	-	1,137,561	1,412,561
Civic Amenity Fund	6,402,566	1,828,000	-	-	-	-	8,230,566
Parking Reserve	42,434	-	-	-	-	-	42,434
Justice Admin Reserve	-	-	-	-	-	-	-
Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
General Reserve	-	-	39,374	-	-	-	39,374
<b>City Funding Provided</b>	<b>7,002,559</b>	<b>2,238,000</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>3,600,000</b>	<b>12,990,559</b>
Contributions	1,700,000	650,000	-	-	-	-	2,350,000
<b>Total Funding Provided</b>	<b>8,702,559</b>	<b>2,888,000</b>	<b>150,000</b>	<b>-</b>	<b>-</b>	<b>3,600,000</b>	<b>15,340,559</b>
Unfunded	-	-	-	-	-	-	-
<b>Excess Funding (Shortfall)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL Buildings</b>							
Requirements	\$ 24,871,889	\$ 7,903,985	\$ 4,130,680	\$ 3,141,260	\$ 3,238,950	\$ 18,358,160	\$ 61,644,924
City Funding Provided	22,772,623	6,857,859	3,961,958	3,051,714	3,103,347	18,156,898	57,904,398
Contributions	2,099,266	1,046,126	168,722	89,546	135,603	201,262	3,740,526
Unfunded	-	-	-	-	-	-	-
<b>Excess Funding (Shortfall)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**2018 - 2027 PROJECT PLAN  
PROJECTS FUNDED MATCHED TO FUNDING SOURCES**

	2018	2019	2020	2021	2022	2023-2027	TOTAL
<b>STRUCTURES</b>							
<b>STREETS MASTER PLAN - TAB 3</b>							
Funding Requested	\$ 13,190,000	\$ 12,300,000	\$ 5,250,000	\$ 10,130,000	\$ 7,250,000	\$ 26,925,000	\$ 75,045,000
City Funding Provided							
Annual Budget	1,753,425	2,251,004	3,607,723	4,047,533	4,160,783	16,211,665	32,032,133
TSL Interest	225,002	250,750	80,000	80,000	80,000	-	715,752
Civic Amenity Fund	1,587,487	3,348,634	448,450	1,044,667	503,000	2,129,700	9,061,938
Marine Drive Amenity	178,000	75,750	-	-	-	-	253,750
Infrastructure Fund	196,967	196,967	196,967	196,967	196,967	984,835	1,969,670
LAS Fund	500,000	-	-	-	-	-	500,000
Parking Fund	15,150	50,500	1,560	-	-	-	67,210
Transportation DCCs	2,768,700	2,432,100	465,300	1,567,500	1,559,250	5,068,800	13,861,650
Sustainable Transportation	95,798	87,500	65,000	65,000	65,000	325,000	703,298
Carbon Fund	90,000	115,129	90,000	75,000	75,000	375,000	820,129
General Reserve	1,942,804	250,000	75,000	-	-	-	2,267,804
City Funding Provided	9,353,333	9,058,334	5,030,000	7,076,667	6,640,000	25,095,000	62,253,334
Contributions	3,836,667	3,241,666	220,000	3,053,333	610,000	1,830,000	12,791,666
Total Funding Provided	13,190,000	12,300,000	5,250,000	10,130,000	7,250,000	26,925,000	75,045,000
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>PARKS MASTER PLAN- TAB 4</b>							
Funding Requested	\$ 7,309,000	\$ 3,304,000	\$ 1,994,000	\$ 1,994,000	\$ 3,789,000	\$ 4,400,000	\$ 22,790,000
City Funding Provided							
Annual Budget	349,000	344,000	344,000	344,000	264,000	790,000	2,435,000
TSL Interest	-	30,000	400,000	-	-	3,610,000	4,040,000
Civic Amenity Fund	5,008,900	2,300,000	426,750	776,750	2,651,750	-	11,164,150
Marine Drive Amenity Reserve	-	-	-	-	-	-	-
Infrastructure Fund	-	-	-	-	-	-	-
Parks DCC Fund	1,871,100	-	173,250	173,250	173,250	-	2,390,850
Cemetery Development Fund	-	-	-	-	-	-	-
General Reserve	80,000	100,000	-	-	-	-	180,000
City Funding Provided	7,309,000	2,774,000	1,344,000	1,294,000	3,089,000	4,400,000	20,210,000
Contributions	-	530,000	650,000	700,000	700,000	-	2,580,000
Total Funding Provided	7,309,000	3,304,000	1,994,000	1,994,000	3,789,000	4,400,000	22,790,000
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>PUBLIC ART PROGRAM - TAB 5</b>							
Funding Requested	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 850,000
City Funding Provided							
Public Art Fund	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Annual Budget	-	-	-	-	-	-	-
City Funding Provided	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL Structures</b>							
Funding Required	\$ 20,584,000	\$15,689,000	\$7,329,000	\$12,209,000	\$11,124,000	\$31,750,000	\$ 98,685,000
Funding provided	16,747,333	11,917,334	6,459,000	8,455,667	9,814,000	29,920,000	83,313,334
Contributions	3,836,667	3,771,666	870,000	3,753,333	1,310,000	1,830,000	15,371,666
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**2018 - 2027 PROJECT PLAN  
PROJECTS FUNDED MATCHED TO FUNDING SOURCES**

	2018	2019	2020	2021	2022	2023-2027	TOTAL
<b>EQUIPMENT</b>							
<b>GENERAL EQUIPMENT - TAB 6</b>							
Funding Requested	\$ 383,800	\$ 465,850	\$ 389,450	\$ 548,250	\$ 442,600	\$ 1,825,700	\$ 4,055,650
City Funding Provided							
Annual Budget	322,150	387,483	329,192	396,352	354,403	1,499,975	3,289,555
General Equipment Fund	34,000	2,393	-	-	-	-	36,393
City Funding Provided	356,150	389,875	329,192	396,352	354,403	1,499,975	3,325,948
Contributions	27,650	75,975	60,258	151,898	88,197	325,725	729,702
Total Funding Provided	383,800	465,850	389,450	548,250	442,600	1,825,700	4,055,650
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	(\$0)
<b>INFORMATION TECHNOLOGY - TAB 7</b>							
Funding Requested	\$ 1,333,450	\$ 1,660,753	\$ 871,500	\$ 1,203,700	\$ 936,500	\$ 3,870,150	\$ 9,876,053
City Funding Provided							
Computer Equipment Fund	49,455	-	-	-	-	-	49,455
Annual Budget	1,028,930	249,955	205,407	1,027,700	928,750	3,842,575	7,283,317
General Reserve	-	1,029,286	-	-	-	-	1,029,286
TSL Interest	110,000	347,513	649,843	168,650	-	-	1,276,006
City Funding Provided	1,188,385	1,626,753	855,250	1,196,350	928,750	3,842,575	9,638,063
Contributions	145,065	34,000	16,250	7,350	7,750	27,575	237,990
Total Funding Provided	1,333,450	1,660,753	871,500	1,203,700	936,500	3,870,150	9,876,053
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENGINEERING EQUIPMENT - TAB 8</b>							
Funding Requested	1,465,000	1,245,000	520,000	856,000	156,000	2,385,000	6,627,000
City Funding Provided							
Engineering Equipment Fund	1,275,000	1,245,000	520,000	856,000	156,000	2,385,000	6,437,000
TSLI	190,000	-	-	-	-	-	190,000
City Funding Provided	1,465,000	1,245,000	520,000	856,000	156,000	2,385,000	6,627,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	1,465,000	1,245,000	520,000	856,000	156,000	2,385,000	6,627,000
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	-
<b>FIRE EQUIPMENT - TAB 9</b>							
Funding Requested	\$ 230,000	\$ 220,000	\$ 1,020,000	\$ 1,480,000	\$ 185,000	\$ 1,425,000	\$ 4,560,000
City Funding Provided							
TSL Interest	-	-	-	1,174,153	185,000	-	1,359,153
Fire Equipment Fund	230,000	220,000	1,020,000	305,847	-	1,425,000	3,200,847
City Funding Provided	230,000	220,000	1,020,000	1,480,000	185,000	1,425,000	4,560,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	230,000	220,000	1,020,000	1,480,000	185,000	1,425,000	4,560,000
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>BLOCK FUNDING, ON-GOING PROGRAMS &amp; OTHER PROJECTS - TAB 10</b>							
Funding Requested	\$ 1,418,873	\$ 1,040,217	\$ 975,217	\$ 825,217	\$ 775,217	\$ 4,076,085	\$ 9,110,826
City Funding Provided							
Annual Budget	643,732	868,000	895,393	683,000	703,000	3,565,000	7,358,125
Tax Sale Land Interest	-	-	-	20,000	-	-	20,000
General Equipment	19,268	-	7,607	-	-	-	26,875
Fire Equipment Fund	-	50,000	-	50,000	-	150,000	250,000
General Reserve Fund	480,000	-	-	-	-	-	480,000
Child Care Improv Fund	9,323	-	-	-	-	-	9,323
City Funding Provided	1,152,323	918,000	903,000	753,000	703,000	3,715,000	8,144,323
Contributions	266,550	122,217	72,217	72,217	72,217	361,085	966,503
Total Funding Provided	1,418,873	1,040,217	975,217	825,217	775,217	4,076,085	9,110,826
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL Equipment</b>							
Requested	\$ 4,831,123	\$ 4,631,820	\$ 3,776,167	\$ 4,913,167	\$ 2,495,317	\$13,581,935	\$34,229,529
City Funding provided	4,391,858	4,399,628	3,627,442	4,681,702	2,327,153	12,867,550	32,295,334
Contributions	439,265	232,192	148,725	231,465	168,164	714,385	1,934,195
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	(\$0)	(\$0)	(\$0)
<b>TOTAL Requirements</b>							
Land	30,200,000	200,000	200,000	200,000	200,000	1,000,000	32,000,000
Buildings	24,871,889	7,903,985	4,130,680	3,141,260	3,238,950	18,358,160	61,644,924
Structures	20,584,000	15,689,000	7,329,000	12,209,000	11,124,000	31,750,000	98,685,000
Equipment	4,831,123	4,631,820	3,776,167	4,913,167	2,495,317	13,581,935	34,229,529
	\$ 80,487,012	\$ 28,424,805	\$ 15,435,847	\$ 20,463,427	\$ 17,058,267	\$ 64,690,095	\$ 226,559,453

**2018-2027 PROJECT PLAN  
LAND AND MAJOR INVESTMENTS**

Page	Rank	Funding Source	2018	2019	2020	2021	2022	2023-2027	Total	
<b>Various Land Acquisitions</b>										
1 - 2		TSL Princ	Strategic Land Acquisition	3,500,000	-	-	-	-	3,500,000	
				\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	
<b>Parks Acquisition - DCC Bylaw Commitment</b>										
1 - 3		Park DCC / General Res	Provision for Park Acquisition - DCC	10,000,000	-	-	-	-	10,000,000	
				\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	
<b>Major Investments</b>										
1 - 4		Aff Hsing	Affordable Housing	1,400,000	200,000	200,000	200,000	200,000	1,000,000	3,200,000
n/a		External	Provision for External Funding and Contributions	15,000,000	-	-	-	-	-	15,000,000
				\$ 16,400,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 18,200,000
<b>Cemetery</b>										
1 - 5		Cemetery	City Cemetery Program	300,000	-	-	-	-	300,000	
				\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>										
				\$ 30,200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 32,000,000
<b>TOTAL CONTRIBUTIONS</b>										
				\$ 15,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000
<b>NET FUNDING REQUESTED</b>										
				\$ 15,200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 17,000,000
<b>Dedicated Funds</b>										
Base Program										
External Funding										

**2018-2027 PROJECT PLAN  
BUILDINGS**

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Summary of Building Projects</b>							
<b>FUNDING REQUESTED IN PROJECT SHEETS</b>							
Capital Maintenance	1,789,330	2,215,985	1,180,680	541,260	638,950	1,758,160	8,124,365
Major Renovation	14,380,000	2,800,000	2,800,000	2,600,000	2,600,000	13,000,000	38,180,000
Proposed New Projects	8,702,559	2,888,000	150,000	-	-	3,600,000	15,340,559
<b>TOTAL FUNDING REQUESTED</b>	<b>\$ 24,871,889</b>	<b>\$ 7,903,985</b>	<b>\$ 4,130,680</b>	<b>\$ 3,141,260</b>	<b>\$ 3,238,950</b>	<b>\$ 18,358,160</b>	<b>\$ 61,644,924</b>
<b>CONTRIBUTIONS</b>							
Capital Maintenance	399,266	396,126	168,722	89,546	135,603	201,262	1,390,526
Major Renovation	-	-	-	-	-	-	-
Proposed New Projects	1,700,000	650,000	-	-	-	-	2,350,000
<b>TOTAL CONTRIBUTIONS</b>	<b>\$ 2,099,266</b>	<b>\$ 1,046,126</b>	<b>\$ 168,722</b>	<b>\$ 89,546</b>	<b>\$ 135,603</b>	<b>\$ 201,262</b>	<b>\$ 3,740,526</b>
<b>NET FUNDING REQUESTED</b>							
Capital Maintenance	1,390,064	1,819,859	1,011,958	451,714	503,347	1,556,898	6,733,839
Major Renovation	14,380,000	2,800,000	2,800,000	2,600,000	2,600,000	13,000,000	38,180,000
Proposed New Projects	7,002,559	2,238,000	150,000	-	-	3,600,000	12,990,559
<b>TOTAL CITY FUNDING REQUESTED</b>	<b>\$ 22,772,623</b>	<b>\$ 6,857,859</b>	<b>\$ 3,961,958</b>	<b>\$ 3,051,714</b>	<b>\$ 3,103,347</b>	<b>\$ 18,156,898</b>	<b>\$ 57,904,398</b>

**2018-2027 PROJECT PLAN  
BUILDINGS**

			2018	2019	2020	2021	2022	2023-2027	Total
<b>Page</b>	<b>Rank</b>	<b>Funding Source</b>	<b>Capital Maintenance</b>						
2 - 4		Ann. Budget	144,450	211,325	156,220	102,720	27,820	160,500	803,035
2 - 6		Ann. Budget	143,934	311,874	139,278	73,454	110,397	163,738	942,674
2 - 6		External	178,066	396,126	168,722	89,546	135,603	201,262	1,169,326
2 - 8		Ann. Budget	69,015	220,955	222,025	15,515	17,655	103,255	648,420
2 - 10		Ann. Budget / Civic Amenity	235,935	370,220	63,130	23,540	29,960	124,120	846,905
2 - 12		Ann. Budget / Gen. Build	53,500	69,550	69,550	53,500	53,500	267,500	567,100
2 - 14		Ann. Budget	70,620	128,935	82,925	16,585	43,335	56,175	398,575
2 - 16		Ann. Budget	88,810	107,000	73,830	21,400	25,680	131,610	448,330
2 - 18		General Res.	120,000	-	-	-	-	-	120,000
2 - 19		TSLI	178,800	-	-	-	-	-	178,800
2 - 19		External	221,200	-	-	-	-	-	221,200
<b>North Vancouver Recreation &amp; Culture Commission</b>									
2 - 20		Ann. Budget	75,000	75,000	75,000	75,000	75,000	-	375,000
2 - 21		Ann. Budget	15,000	15,000	15,000	15,000	15,000	-	75,000
2 - 22		Ann. Budget	15,000	15,000	15,000	15,000	15,000	-	75,000
2 - 23		Ann. Budget	100,000	275,000	80,000	20,000	70,000	400,000	945,000
2 - 25		Ann. Budget	80,000	20,000	20,000	20,000	20,000	150,000	310,000
<b>TOTAL REQUESTED IN PROJECT SHEETS</b>			<b>\$ 1,789,330</b>	<b>\$ 2,215,985</b>	<b>\$ 1,180,680</b>	<b>\$ 541,260</b>	<b>\$ 638,950</b>	<b>\$ 1,758,160</b>	<b>\$ 8,124,365</b>
<b>CONTRIBUTIONS</b>			<b>\$ 399,266</b>	<b>\$ 396,126</b>	<b>\$ 168,722</b>	<b>\$ 89,546</b>	<b>\$ 135,603</b>	<b>\$ 201,262</b>	<b>\$ 1,390,526</b>
<b>NET FUNDING REQUESTED</b>			<b>\$ 1,390,064</b>	<b>\$ 1,819,859</b>	<b>\$ 1,011,958</b>	<b>\$ 451,714</b>	<b>\$ 503,347</b>	<b>\$ 1,556,898</b>	<b>\$ 6,733,839</b>
<b>Major Renovation</b>									
<b>North Vancouver Recreation &amp; Culture Commission</b>									
2 - 27		Civic Amenity	14,100,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000	37,500,000
2 - 28		General Res.	280,000	200,000	200,000	-	-	-	680,000
<b>TOTAL REQUESTED IN PROJECT SHEETS</b>			<b>\$ 14,380,000</b>	<b>\$ 2,800,000</b>	<b>\$ 2,800,000</b>	<b>\$ 2,600,000</b>	<b>\$ 2,600,000</b>	<b>\$ 13,000,000</b>	<b>\$ 38,180,000</b>
<b>CONTRIBUTIONS</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>NET FUNDING REQUESTED</b>			<b>\$ 14,380,000</b>	<b>\$ 2,800,000</b>	<b>\$ 2,800,000</b>	<b>\$ 2,600,000</b>	<b>\$ 2,600,000</b>	<b>\$ 13,000,000</b>	<b>\$ 38,180,000</b>

**2018-2027 PROJECT PLAN  
BUILDINGS**

			2018	2019	2020	2021	2022	2023-2027	Total
<b>Page</b>	<b>Rank</b>	<b>Funding Source</b>	<b>Proposed New Projects</b>						
2 - 30		Civic Amenity	Enclose Terrace / Technology Learning Centre	400,000	-	-	-	-	400,000
2 - 31		Civic Amenity	Café Connection to Main Floor Library	55,000	-	-	-	-	55,000
2 - 32		Civic Amenity	New Museum for NVMA	1,275,000	-	-	-	-	1,275,000
2 - 32		External	New Museum for NVMA - Required Outside Funding	1,700,000	650,000	-	-	-	2,350,000
2 - 33		Civic Amenity	Central Waterfront Public Realm	400,000	430,000	-	-	-	830,000
2 - 34		Civic Amenity/ Parking	Lot 5 Development	1,900,000	25,000	-	-	-	1,925,000
2 - 35		Civic Amenity	Central Waterfront Project Coordination and Oversight	425,000	73,000	-	-	-	498,000
2 - 36		Civic Amenity	Lonsdale Quay Waterfront Walk	-	220,000	-	-	-	220,000
2 - 37		Civic Amenity	Spirit Trail - Shipyards Connection	685,000	-	-	-	-	685,000
2 - 38		Civic Amenity	SeaBus Upgrades	250,000	250,000	-	-	-	500,000
2 - 39		Civic Amenity	Lower Lonsdale Wayfinding	80,000	80,000	-	-	-	160,000
2 - 40		TSL	Waterfront Properties - Remediation Performance Verification	75,000	75,000	-	-	-	150,000
2 - 41		Civic Amenity	Pipe Shop - The Shipyards - Lot 4 Building Start-Up and Provisioning	900,000	-	-	-	-	900,000
2 - 42		Civic Amenity	Feasibility North Shore Neighbourhood House	75,000	-	-	-	-	75,000
2 - 43		Ann. Budget/ TSLI	Civic Centre Improvements	393,000	60,000	150,000	-	-	603,000
2 - 44		TSLI / Ann. Budget	Replacement of City Hall Single Glazed Windows	-	-	-	-	3,600,000	3,600,000
2 - 45		Civic Amenity	Burrard Dry Dock Electrical Building	-	350,000	-	-	-	350,000
2 - 46		Civic Amenity	PGE Station Provision	-	400,000	-	-	-	400,000
2 - 47		Ann. Budget / TSLI	Accessibility Ramp to Council Chambers	-	275,000	-	-	-	275,000
2 - 48		Heritage	Heritage Reserve Fund - Potential Projects	89,559	-	-	-	-	89,559
<b>TOTAL REQUESTED IN PROJECT SHEETS</b>			<b>\$ 8,702,559</b>	<b>\$ 2,888,000</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,600,000</b>	<b>\$ 15,340,559</b>
<b>CONTRIBUTIONS</b>			<b>\$ 1,700,000</b>	<b>\$ 650,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,350,000</b>
<b>NET FUNDING REQUESTED</b>			<b>\$ 7,002,559</b>	<b>\$ 2,238,000</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,600,000</b>	<b>\$ 12,990,559</b>
Base Program									
Dedicated Funds									
New Initiatives									
External Funds									



**2018-2027 PROJECT PLAN  
STRUCTURES SUMMARY**

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Summary of Structure Projects</b>							
<b>FUNDING REQUESTED IN PROJECT SHEETS</b>							
Streets and Transportation	13,190,000	12,300,000	5,250,000	10,130,000	7,250,000	26,925,000	75,045,000
Parks	7,309,000	3,304,000	1,994,000	1,994,000	3,789,000	4,400,000	22,790,000
Public Art	85,000	85,000	85,000	85,000	85,000	425,000	850,000
<b>TOTAL FUNDING REQUESTED</b>	<b>\$ 20,584,000</b>	<b>\$ 15,689,000</b>	<b>\$ 7,329,000</b>	<b>\$ 12,209,000</b>	<b>\$ 11,124,000</b>	<b>\$ 31,750,000</b>	<b>\$ 98,685,000</b>
<b>CONTRIBUTIONS</b>							
Streets and Transportation	3,836,667	3,241,666	220,000	3,053,333	610,000	1,830,000	12,791,666
Parks	-	530,000	650,000	700,000	700,000	-	2,580,000
Public Art	-	-	-	-	-	-	-
<b>TOTAL CONTRIBUTIONS</b>	<b>\$ 3,836,667</b>	<b>\$ 3,771,666</b>	<b>\$ 870,000</b>	<b>\$ 3,753,333</b>	<b>\$ 1,310,000</b>	<b>\$ 1,830,000</b>	<b>\$ 15,371,666</b>
<b>DCC FUNDING</b>							
Streets and Transportation	2,768,700	2,432,100	465,300	1,567,500	1,559,250	5,068,800	13,861,650
Parks	1,871,100	-	173,250	173,250	173,250	-	2,390,850
Public Art	-	-	-	-	-	-	-
<b>TOTAL DCC FUNDING</b>	<b>\$ 4,639,800</b>	<b>\$ 2,432,100</b>	<b>\$ 638,550</b>	<b>\$ 1,740,750</b>	<b>\$ 1,732,500</b>	<b>\$ 5,068,800</b>	<b>\$ 16,252,500</b>
<b>NET FUNDING REQUESTED</b>							
Streets and Transportation	6,584,633	6,626,234	4,564,700	5,509,167	5,080,750	20,026,200	48,391,684
Parks	5,437,900	2,774,000	1,170,750	1,120,750	2,915,750	4,400,000	17,819,150
Public Art	85,000	85,000	85,000	85,000	85,000	425,000	850,000
<b>TOTAL CITY FUNDING REQUESTED</b>	<b>\$ 12,107,533</b>	<b>\$ 9,485,234</b>	<b>\$ 5,820,450</b>	<b>\$ 6,714,917</b>	<b>\$ 8,081,500</b>	<b>\$ 24,851,200</b>	<b>\$ 67,060,834</b>

**2018-2027 PROJECT PLAN  
TRANSPORTATION AND STREETS**

Page	Rank	Funding Source		2018	2019	2020	2021	2022	2023-2027	Total
<b>Sustainable Transportation Initiatives</b>										
3 - 5		Civic Amenity	Bicycle Route Improvements	50,500	75,750	196,950	151,500	151,500	1,111,000	1,737,200
3 - 5		External	Bicycle Route Improvements - Required Outside Funding	100,000	100,000	150,000	50,000	100,000	400,000	900,000
3 - 5		DCC	Bicycle Route Improvements - DCC	49,500	74,250	193,050	148,500	148,500	1,089,000	1,702,800
3 - 7		Civic Amenity	East Keith Road Multi-Modal Corridor Improvements, East Grand to Brooksbank	100,000	300,000	-	-	-	-	400,000
<b>Total - Sustainable Transportation Initiatives</b>				<b>\$ 300,000</b>	<b>\$ 550,000</b>	<b>\$ 540,000</b>	<b>\$ 350,000</b>	<b>\$ 400,000</b>	<b>\$ 2,600,000</b>	<b>\$ 4,740,000</b>
<b>Safety/Pedestrian Improvements Program</b>										
3 - 8		Ann. Budget	Safe Routes to Schools	40,000	85,000	85,000	90,000	-	-	300,000
3 - 9		Ann. Budget	Traffic Signs and Pavement Markings	50,000	50,000	50,000	50,000	55,000	275,000	530,000
3 - 10		Ann. Budget	Local Traffic Safety Improvements	20,000	40,000	40,000	40,000	40,000	225,000	405,000
3 - 11		Ann. Budget	Traffic Signal at 4th and Lonsdale (Pedestrian & Bike Safety)	68,175	-	-	-	-	-	68,175
3 - 11		External	Traffic Signal at 4th and Lonsdale - Required Outside Funding	80,000	-	-	-	-	-	80,000
3 - 11		DCC	Traffic Signal at 4th and Lonsdale (Pedestrian & Bike Safety) -DCC	66,825	-	-	-	-	-	66,825
3 - 12		Ann. Budget	Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	15,150	60,600	-	-	-	-	75,750
3 - 12		External	Traffic Signal at Keith & Hendry - Required Outside Funding	-	150,000	-	-	-	-	150,000
3 - 12		DCC	Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety) -DCC	14,850	59,400	-	-	-	-	74,250
3 - 14		Civic Amenity	New Sidewalks to Complete Pedestrian Network	151,500	151,500	151,500	151,500	151,500	757,500	1,515,000
3 - 14		DCC	New Sidewalks to Complete Pedestrian Network - DCC	148,500	148,500	148,500	148,500	148,500	742,500	1,485,000
3 - 15		Ann. Budget	Sidewalk Infill & Reconstruction	170,000	170,000	170,000	170,000	170,000	850,000	1,700,000
3 - 16		Ann. Budget	St David's to Queensbury Neighbourhood - Short-Cutting Prevention Measures	150,000	-	-	-	-	-	150,000
3 - 17		Ann. Budget	29th Street Corridor Operational Improvements	80,000	-	-	-	-	-	80,000
3 - 17		External	29th Street Corridor Operational Improvements - Required Outside Funding	80,000	-	-	-	-	-	80,000
<b>Total Safety/Pedestrian Improvements</b>				<b>\$ 1,135,000</b>	<b>\$ 915,000</b>	<b>\$ 645,000</b>	<b>\$ 650,000</b>	<b>\$ 565,000</b>	<b>\$ 2,850,000</b>	<b>\$ 6,760,000</b>
<b>Cycling Improvements Program</b>										
3 - 18		Civic Amenity	Sutherland Trail	-	80,000	-	-	-	-	80,000
3 - 19		Civic Amen/DCC	Covered Bike Shelter & Secured Bike Parking	-	-	-	-	25,000	140,000	165,000
3 - 20		Civic Amenity	Casano Loutet Overpass	202,000	673,334	-	-	-	-	875,334
3 - 20		External	Casano/Loutet Overpass - Required Outside Funding	-	2,666,666	-	-	-	-	2,666,666
3 - 20		DCC	Casano Loutet Overpass - DCC	198,000	660,000	-	-	-	-	858,000
3 - 21		Civic Amenity	Chesterfield AAA Bike Route - 2nd to 4th	199,475	-	-	-	-	-	199,475
3 - 21		DCC	Chesterfield AAA Bike Route - 2nd to 4th - DCC	195,525	-	-	-	-	-	195,525
3 - 22		Civic Amenity	Lynn Valley Interchange Northbound Transportation Improvements	-	-	100,000	300,000	-	-	400,000
<b>Total - Cycling Improvements</b>				<b>\$ 795,000</b>	<b>\$ 4,080,000</b>	<b>\$ 100,000</b>	<b>\$ 300,000</b>	<b>\$ 25,000</b>	<b>\$ 140,000</b>	<b>\$ 5,440,000</b>

**2018-2027 PROJECT PLAN  
TRANSPORTATION AND STREETS**

Page	Rank	Funding Source		2018	2019	2020	2021	2022	2023-2027	Total
<b>Transit Program</b>										
3 - 23		Sust. Trans.	Transit Improvements	15,000	20,000	65,000	65,000	65,000	325,000	555,000
3 - 23		External	Transit Improvements - Required Outside Funding	15,000	20,000	65,000	65,000	65,000	325,000	555,000
3 - 24		Ann. Budget	City Transit Shelter Program	-	-	-	-	40,000	80,000	120,000
3 - 24		External	City Transit Shelter Program- Required Outside Funding	-	-	-	-	40,000	80,000	120,000
<b>Total - Transit Improvements</b>				<b>\$ 30,000</b>	<b>\$ 40,000</b>	<b>\$ 130,000</b>	<b>\$ 130,000</b>	<b>\$ 210,000</b>	<b>\$ 810,000</b>	<b>\$ 1,350,000</b>
<b>Transportation Demand Management Program</b>										
3 - 25		Carbon	Community Transportation Demand Management Program	90,000	90,000	90,000	-	-	-	270,000
<b>Total - Transportation Demand Management Program</b>				<b>\$ 90,000</b>	<b>\$ 90,000</b>	<b>\$ 90,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 270,000</b>
<b>Traffic Signal and Street Lighting Program</b>										
3 - 26		Ann. Budget	Traffic Signal System Upgrades	100,000	100,000	500,000	-	300,000	1,600,000	2,600,000
3 - 28		TSLI	Traffic Signal Pre-Emption for Fire Emergency Vehicles	75,000	-	80,000	80,000	80,000	-	315,000
3 - 30		Ann. Budget	Installation of Accessible Pedestrian Signal Units	-	35,000	-	50,000	-	105,000	190,000
3 - 32		Ann. Budget	Traffic Signal LED Replacement	-	-	-	300,000	-	-	300,000
3 - 33		Ann. Budget	Pedestrian and Roadway Lighting Implementation	131,300	-	126,250	227,250	227,250	909,000	1,621,050
3 - 33		DCC	Pedestrian and Roadway Lighting Implementation - DCC	128,700	-	123,750	222,750	222,750	891,000	1,588,950
3 - 35		Ann. Budget	Street Light and Traffic Signal Aging Pole Replacement	50,000	50,000	50,000	50,000	50,000	250,000	500,000
3 - 36		Civic Amenity	Pedestrian Scale Lighting Grand Boulevard Park	-	750,000	-	-	-	-	750,000
3 - 37		Ann. Budget	Pedestrian Scale Lighting Jones Avenue	-	-	400,000	-	-	-	400,000
3 - 38		General Res.	City-Wide LED Streetlight upgrade	-	250,000	250,000	250,000	250,000	-	1,000,000
3 - 39		Ann. Budget	Automated Monitoring Devices	50,000	50,000	50,000	-	-	-	150,000
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
<b>Total - Traffic Signals</b>				<b>\$ 535,000</b>	<b>\$ 1,845,000</b>	<b>\$ 1,580,000</b>	<b>\$ 1,180,000</b>	<b>\$ 1,130,000</b>	<b>\$ 3,995,000</b>	<b>\$ 10,265,000</b>

**2018-2027 PROJECT PLAN  
TRANSPORTATION AND STREETS**

Page	Rank	Funding Source		2018	2019	2020	2021	2022	2023-2027	Total
<b>Parking and Streetscapes</b>										
3 - 41	Ann. Budget	Street Banner And Furnishing Program		10,000	45,000	10,000	45,000	10,000	155,000	275,000
3 - 42	Civic Amenity	Parklet Design Competition and Installations		-	-	-	-	175,000	-	175,000
3 - 43	Gen. Reserve	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 - Required Outside Funding		5,000	5,000	5,000	5,000	5,000	25,000	50,000
3 - 44	Parkig Fund	200 East 2nd Street - Parking improvements		-	50,500	-	-	-	-	50,500
3 - 44	DCC	200 East 2nd Street - Parking improvements - DCC		-	49,500	-	-	-	-	49,500
3 - 45	Ann. Budget	100 East 1st Street - Streetscape Improvements		-	-	-	-	353,500	-	353,500
3 - 45	DCC	100 East 1st Street - Streetscape Improvements - DCC		-	-	-	-	346,500	-	346,500
3 - 46	Ann. Budget	100 East 2nd Street - Parking & Streetscape Improvements		-	-	-	227,250	-	-	227,250
3 - 46	DCC	100 East 2nd Street - Parking & Streetscape Improvements - DCC		-	-	-	227,750	-	-	227,750
3 - 47	Ann. Budget	Electric Vehicle Charging Station Infrastructure and Signage		-	-	-	-	60,000	-	60,000
3 - 48	Ann. Budget	Electric Bike Rebate Program (one rebate per family per year)		-	-	-	-	20,000	-	20,000
3 - 49	Parkig Fund	Lower Lonsdale On-Street Parking		15,150	-	-	-	-	-	15,150
3 - 49	DCC	Lower Lonsdale On-Street Parking - DCC		14,850	-	-	-	-	-	14,850
3 - 65	General Res.	BC Hydro Beautification 119-131 West Esplanade & 120 Carrie Cates Court		160,000	-	-	-	-	-	160,000
3 - 65	External	BC Hydro Beautification 119-131 West Esplanade & 120 Carrie Cates Court - Required Outside Funding		40,000	-	-	-	-	-	40,000
<b>Total - Parking and Streetscapes</b>				<b>\$ 320,000</b>	<b>\$ 225,000</b>	<b>\$ 90,000</b>	<b>\$ 575,000</b>	<b>\$ 1,045,000</b>	<b>\$ 555,000</b>	<b>\$ 2,810,000</b>
<b>Studies</b>										
3 - 50	TSLI	Transportation Plan Update		-	75,750	-	-	-	-	75,750
3 - 50	DCC	Transportation Plan Update - DCC		-	74,250	-	-	-	-	74,250
3 - 51	TSLI	Bicycle Master Plan Update		50,000	-	-	-	-	-	50,000
3 - 51	External	Bicycle Master Plan Update - Required Outside Funding		50,000	-	-	-	-	-	50,000
3 - 52	TSLI	North Shore Transportation Improvements		100,000	100,000	-	-	-	-	200,000
3 - 52	External	North Shore Transportation Improvements - Required Outside Funding		100,000	100,000	-	-	-	-	200,000
<b>Total - Studies</b>				<b>\$ 300,000</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 650,000</b>

**2018-2027 PROJECT PLAN  
TRANSPORTATION AND STREETS**

Page	Rank	Funding Source		2018	2019	2020	2021	2022	2023-2027	Total
<b>Major Projects</b>										
3 - 53		Ann. Budget	Bridge Rehabilitation	50,000	50,000	50,000	50,000	50,000	250,000	500,000
3 - 54		Sust. Transport	Keith and Brooksbank Active Transportation Improvements	80,800	-	-	-	-	-	80,800
3 - 54		DCC	Keith and Brooksbank Active Transportation Improvements - DCC	79,200	-	-	-	-	-	79,200
3 - 55		General Res./ Marine Dr. Amenity	Mosquito Creek Bridge	726,333	-	-	-	-	-	726,333
3 - 55		External	Mosquito Creek Bridge	3,366,667	-	-	-	-	-	3,366,667
3 - 55		DCC	Mosquito Creek Bridge - DCC	957,000	-	-	-	-	-	957,000
3 - 56		Annual / Civic Amenity	Marine Drive Bridge Replacement over Mackay Creek	-	-	-	841,667	-	-	841,667
3 - 56		External	Marine Drive Bridge Replacement over Mackay Creek - Required Outside Funding	-	-	-	2,933,333	-	-	2,933,333
3 - 56		DCC	Marine Drive Bridge Replacement over Mackay Creek - DCC	-	-	-	825,000	-	-	825,000
3 - 57		Civic Amenity	3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard)	101,000	1,010,000	-	-	-	-	1,111,000
3 - 57		External	3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard) - Required Outside Funding	-	200,000	-	-	-	-	200,000
3 - 57		DCC	3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard) - DCC	99,000	990,000	-	-	-	-	1,089,000
3 - 58		Ann. Budget	Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th)	-	-	-	-	707,000	-	707,000
3 - 58		External	Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th) - Required Outside Funding	-	-	-	-	400,000	-	400,000
3 - 58		DCC	Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th) - DCC	-	-	-	-	693,000	-	693,000
3 - 59		General Res.	Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank)	75,750	75,750	-	-	-	2,272,500	2,424,000
3 - 59		External	Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank) - Required Outside Funding	-	-	-	-	-	1,000,000	1,000,000
3 - 59		DCC	Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank) - DCC	74,250	74,250	-	-	-	2,227,500	2,376,000
3 - 60		Civic Amenity	Moodyville Neighbourhood Transportation Improvements	757,500	-	-	-	-	-	757,500
3 - 60		DCC	Moodyville Neighbourhood Transportation Improvements - DCC	742,500	-	-	-	-	-	742,500
<b>Total - Major Projects</b>				<b>\$ 7,110,000</b>	<b>\$ 2,400,000</b>	<b>\$ 50,000</b>	<b>\$ 4,650,000</b>	<b>\$ 1,850,000</b>	<b>\$ 5,750,000</b>	<b>\$ 21,810,000</b>

**2018-2027 PROJECT PLAN  
TRANSPORTATION AND STREETS**

Page	Rank	Funding Source		2018	2019	2020	2021	2022	2023-2027	Total
<b>Local Area Services</b>										
3 - 61		LAS	Provision for Local Area Services - City Share	500,000	-	-	-	-	-	500,000
<b>Total - Local Area Services</b>				<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>
<b>Pavement Management</b>										
3 - 62		Annual / Infrastr / General Res	Pavement Management: Streets and Lanes	2,000,000	1,780,000	2,000,000	2,220,000	2,000,000	10,000,000	20,000,000
3 - 64		Annual Bud.	Pavement Condition Testing	75,000	25,000	25,000	75,000	25,000	225,000	450,000
<b>Total - Pavement Management</b>				<b>\$ 2,075,000</b>	<b>\$ 1,805,000</b>	<b>\$ 2,025,000</b>	<b>\$ 2,295,000</b>	<b>\$ 2,025,000</b>	<b>\$ 10,225,000</b>	<b>\$ 20,450,000</b>
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>				<b>\$ 13,190,000</b>	<b>\$ 12,300,000</b>	<b>\$ 5,250,000</b>	<b>\$ 10,130,000</b>	<b>\$ 7,250,000</b>	<b>\$ 26,925,000</b>	<b>\$ 75,045,000</b>
<b>TOTAL CONTRIBUTIONS</b>				<b>\$ 3,836,667</b>	<b>\$ 3,241,666</b>	<b>\$ 220,000</b>	<b>\$ 3,053,333</b>	<b>\$ 610,000</b>	<b>\$ 1,830,000</b>	<b>\$ 12,791,666</b>
<b>DCC FUNDING</b>				<b>\$ 2,768,700</b>	<b>\$ 2,432,100</b>	<b>\$ 465,300</b>	<b>\$ 1,567,500</b>	<b>\$ 1,559,250</b>	<b>\$ 5,068,800</b>	<b>\$ 13,861,650</b>
<b>NET FUNDING REQUESTED</b>				<b>\$ 6,584,633</b>	<b>\$ 6,626,234</b>	<b>\$ 4,564,700</b>	<b>\$ 5,509,167</b>	<b>\$ 5,080,750</b>	<b>\$ 20,026,200</b>	<b>\$ 48,391,684</b>
Base Program										
Dedicated Funds										
New Initiatives										
External Funds										

**2018-2027 PROJECT PLAN  
PARKS AND ENVIRONMENT**

Page	Rank	Funding Source		2018	2019	2020	2021	2022	2023-2027	Total
			<b>Park Specific</b>							
4 - 3		Civic Amen	Semisch Park Infrastructure Replacement	300,000	-	-	-	-	-	300,000
4 - 4		Civic Amen	Mahon Park, Picnic Area and Pitch & Putt	500,000	-	-	-	-	-	500,000
4 - 5		Civic Amen	Moodyville Park Master Plan and Implementation	2,200,000	750,000	-	-	-	-	2,950,000
4 - 6		Civic Amen	Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000	100,000	-	-	-	-	200,000
4 - 7		Civic Amen	Lower Lonsdale Off-Leash Area	-	200,000	-	-	-	-	200,000
4 - 8		Civic Amen	Greenwood Park Trail Improvements	-	250,000	-	-	-	-	250,000
4 - 9		General Res.	Sutherland Field Turf Replacement	80,000	930,000	-	-	-	-	1,010,000
4 - 10		TSLI	Hammersley Park Playground Replacement	-	30,000	300,000	-	-	-	330,000
4 - 11		Civic Amen	Waterfront Park Master Plan & Implementation	-	-	-	150,000	2,400,000	-	2,550,000
4 - 12		TSLI	Derek Inman Park Renovations	-	-	-	-	-	750,000	750,000
4 - 13		Civic Amen	Bike Skills \ Pump Track Facility	-	-	-	-	75,000	-	75,000
4 - 14		TSLI	Mahon Park Playground Replacement	-	-	-	-	-	600,000	600,000
4 - 15		Civic Amen	St. Andrews Park Washrooms	-	-	-	200,000	-	-	200,000
4 - 16		TSLI	Wagg Park Playground Replacement	-	-	-	-	-	500,000	500,000
4 - 17		Civic Amen	Confederation Field Turf Replacement	-	-	-	-	-	750,000	750,000
4 - 18		TSLI	Tempe Heights Park Playground Replacement	-	-	-	-	-	630,000	630,000
4 - 19		Civic Amen	Sunrise Park Trail Improvements	-	-	250,000	-	-	-	250,000
4 - 20		Civic Amen	High Place Park Development	-	-	-	250,000	-	-	250,000
4 - 21		TSLI	St. Andrews Park Infrastructure Replacement	-	-	100,000	-	-	-	100,000
4 - 22		TSLI	Loutet Park Playground Replacement	-	-	-	-	-	380,000	380,000
			<b>Total - Park Specific</b>	<b>\$ 3,180,000</b>	<b>\$ 2,260,000</b>	<b>\$ 650,000</b>	<b>\$ 600,000</b>	<b>\$ 2,475,000</b>	<b>\$ 3,610,000</b>	<b>\$ 12,775,000</b>
			<b>City Wide Programs</b>							
4 - 23		Ann. Budget	Parks Master Plan Update	-	-	-	-	-	100,000	100,000
4 - 24		Ann. Budget	Irrigation System Upgrades	34,000	34,000	34,000	34,000	34,000	170,000	340,000
4 - 25		Ann. Budget	Chafer Beetle Turf Restoration	45,000	45,000	45,000	45,000	45,000	45,000	270,000
4 - 26		Ann. Budget	Wooden Bridge and Stair Replacement	45,000	45,000	45,000	45,000	-	-	180,000
4 - 27		Ann. Budget	Grass Sports Field Renovations	75,000	75,000	75,000	75,000	75,000	225,000	600,000
4 - 28		Ann. Budget	Play Equipment Replacement	35,000	35,000	35,000	35,000	-	-	140,000
4 - 29		Ann. Budget	Park & Greenways Trail Resurfacing	15,000	15,000	15,000	15,000	15,000	75,000	150,000
4 - 30		Ann. Budget	Parks Furnishings and Signage	35,000	35,000	35,000	35,000	35,000	175,000	350,000
4 - 31		Ann. Budget	Invasives Management and Forest Restoration	65,000	60,000	60,000	60,000	60,000	-	305,000
				<b>\$ 349,000</b>	<b>\$ 344,000</b>	<b>\$ 344,000</b>	<b>\$ 344,000</b>	<b>\$ 264,000</b>	<b>\$ 790,000</b>	<b>\$ 2,435,000</b>

**2018-2027 PROJECT PLAN  
PARKS AND ENVIRONMENT**

Page	Rank	Funding Source	2018	2019	2020	2021	2022	2023-2027	Total
<b>Greenways Program</b>									
4 - 33	Civic Amenity	Green Necklace -21st and Lonsdale Ave to 19th and Grand Boulevard	1,631,150	-	-	-	-	-	1,631,150
4 - 33	DCC	Green Necklace -21st and Lonsdale Ave to 19th and Grand Boulevard - DCC	1,598,850	-	-	-	-	-	1,598,850
4 - 34	Civic Amenity	Spirit Trail - Heywood St	277,750	-	-	-	-	-	277,750
4 - 34	DCC	Spirit Trail - Heywood St - DCC	272,250	-	-	-	-	-	272,250
4 - 35	Civic Amenity	St. David's Avenue Greenway Connection	-	170,000	-	-	-	-	170,000
4 - 35	External	St. David's Avenue Greenway Connection - Required Outside Funding	-	530,000	-	-	-	-	530,000
4 - 36	Civic Amenity	Upper Levels Greenway - Lonsdale to Lynn Valley Road	-	-	-	176,750	-	-	176,750
4 - 36	External	Upper Levels Greenway - Lonsdale to Lynn Valley Road - Required outside funding	-	-	-	700,000	-	-	700,000
4 - 36	DCC	Upper Levels Greenway - Lonsdale to Lynn Valley Road - DCC	-	-	-	173,250	-	-	173,250
4 - 37	Civic Amenity	Upper Levels Greenway - Lonsdale to Westview	-	-	-	-	176,750	-	176,750
4 - 37	External	Upper Levels Greenway - Lonsdale to Westview -Required outside funding	-	-	-	-	700,000	-	700,000
4 - 37	DCC	Upper Levels Greenway - Lonsdale to Westview - DCC	-	-	-	-	173,250	-	173,250
4 - 38	Civic Amenity	Queensbury Avenue Greenway Connection	-	-	176,750	-	-	-	176,750
4 - 38	External	Queensbury Avenue Greenway Connection - Required Outside Funding	-	-	650,000	-	-	-	650,000
4 - 38	DCC	Queensbury Avenue Greenway Connection - DCC	-	-	173,250	-	-	-	173,250
<b>Total - Greenways</b>			<b>\$ 3,780,000</b>	<b>\$ 700,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,050,000</b>	<b>\$ 1,050,000</b>	<b>\$ -</b>	<b>\$ 7,580,000</b>
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>			<b>\$ 7,309,000</b>	<b>\$ 3,304,000</b>	<b>\$ 1,994,000</b>	<b>\$ 1,994,000</b>	<b>\$ 3,789,000</b>	<b>\$ 4,400,000</b>	<b>\$ 22,790,000</b>
<b>TOTAL CONTRIBUTIONS</b>			<b>\$ -</b>	<b>\$ 530,000</b>	<b>\$ 650,000</b>	<b>\$ 700,000</b>	<b>\$ 700,000</b>	<b>\$ -</b>	<b>\$ 2,580,000</b>
<b>TOTAL CONTRIBUTIONS - DCC FUNDING</b>			<b>\$ 1,871,100</b>	<b>\$ -</b>	<b>\$ 173,250</b>	<b>\$ 173,250</b>	<b>\$ 173,250</b>	<b>\$ -</b>	<b>\$ 2,390,850</b>
<b>NET FUNDING REQUESTED</b>			<b>\$ 5,437,900</b>	<b>\$ 2,774,000</b>	<b>\$ 1,170,750</b>	<b>\$ 1,120,750</b>	<b>\$ 2,915,750</b>	<b>\$ 4,400,000</b>	<b>\$ 17,819,150</b>
Base Program									
Dedicated Funds									
New Initiatives									
External Funds									



**2018-2027 PROJECT PLAN  
PUBLIC ART**

Page	Rank	Funding Source	2018	2019	2020	2021	2022	2023-2027	Total
5 - 2		Public Art Civic Public Art Program	85,000	85,000	85,000	85,000	85,000	425,000	850,000
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>			<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 425,000</b>	<b>\$ 850,000</b>
<b>TOTAL CONTRIBUTIONS</b>									
<b>NET FUNDING REQUESTED</b>			<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 425,000</b>	<b>\$ 850,000</b>
Base Program									
Dedicated Funds									
New Initiatives									

**2018-2027 PROJECT PLAN  
EQUIPMENT**

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Summary of Equipment Projects</b>							
<b>FUNDING REQUESTED IN PROJECT SHEETS</b>							
General Equipment	383,800	465,850	389,450	548,250	442,600	1,825,700	4,055,650
Information Technology Equipment	1,333,450	1,660,753	871,500	1,203,700	936,500	3,870,150	9,876,053
Engineering Equipment	1,465,000	1,245,000	520,000	856,000	156,000	2,385,000	6,627,000
Fire Equipment	230,000	220,000	1,020,000	1,480,000	185,000	1,425,000	4,560,000
Block Funding & Other Projects	1,418,873	1,040,217	975,217	825,217	775,217	4,076,085	9,110,826
<b>TOTAL FUNDING REQUESTED</b>	<b>\$ 4,831,123</b>	<b>\$ 4,631,820</b>	<b>\$ 3,776,167</b>	<b>\$ 4,913,167</b>	<b>\$ 2,495,317</b>	<b>\$ 13,581,935</b>	<b>\$ 34,229,529</b>
<b>CONTRIBUTIONS</b>							
General Equipment	27,650	75,975	60,258	151,898	88,197	325,725	729,702
Information Technology Equipment	145,065	34,000	16,250	7,350	7,750	27,575	237,990
Engineering Equipment	-	-	-	-	-	-	-
Fire Equipment	-	-	-	-	-	-	-
Block Funding & Other Projects	266,550	122,217	72,217	72,217	72,217	361,085	966,503
<b>TOTAL CONTRIBUTIONS</b>	<b>\$ 439,265</b>	<b>\$ 232,192</b>	<b>\$ 148,725</b>	<b>\$ 231,465</b>	<b>\$ 168,164</b>	<b>\$ 714,385</b>	<b>\$ 1,934,195</b>
<b>NET FUNDING REQUESTED</b>							
General Equipment	356,150	389,875	329,192	396,352	354,403	1,499,975	3,325,948
Information Technology Equipment	1,188,385	1,626,753	855,250	1,196,350	928,750	3,842,575	9,638,063
Engineering Equipment	1,465,000	1,245,000	520,000	856,000	156,000	2,385,000	6,627,000
Fire Equipment	230,000	220,000	1,020,000	1,480,000	185,000	1,425,000	4,560,000
Block Funding & Other Projects	1,152,323	918,000	903,000	753,000	703,000	3,715,000	8,144,323
<b>TOTAL CITY FUNDING REQUESTED</b>	<b>\$ 4,391,858</b>	<b>\$ 4,399,628</b>	<b>\$ 3,627,442</b>	<b>\$ 4,681,702</b>	<b>\$ 2,327,153</b>	<b>\$ 12,867,550</b>	<b>\$ 32,295,334</b>

**2018-2027 PROJECT PLAN  
GENERAL EQUIPMENT**

Page	Rank	Funding Source	2018	2019	2020	2021	2022	2023-2027	Total
6 - 2		Ann. Budget Furniture and Equipment	122,150	137,875	117,060	132,314	137,477	432,106	1,078,982
6 - 2		External Furniture and Equipment - Required Outside Funding	27,650	27,975	27,390	54,936	55,123	220,594	413,668
6 - 4		Ann. Budget Pool Vehicle Replacement	-	55,000	50,000	55,000	50,000	195,000	405,000
6 - 6		Ann. Budget Municipal Vehicles for GB Building	-	-	27,132	27,038	26,926	26,869	107,966
6 - 6		External Municipal Vehicles for GB Building - Required outside Funding	-	-	32,868	32,962	33,074	33,131	132,034
6 - 7		Ann. Budget NVRC Maintenance Vehicles	-	24,000	-	32,000	-	36,000	92,000
6 - 7		External NVRC Maintenance Vehicles - Required Outside Funding	-	48,000	-	64,000	-	72,000	184,000
6 - 9		Ann. Budget NVRC Recreation Program Equipment	140,000	150,000	135,000	150,000	140,000	810,000	1,525,000
6 - 11		Ann. Budget NVRC Facility Access Control	60,000	-	-	-	-	-	60,000
6 - 13		General Equip RFID Sorter Retrofit	34,000	-	-	-	-	-	34,000
6 - 14		Ann. Budget / General equip RFID Security Gates Replacement	-	23,000	-	-	-	-	23,000
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>			<b>\$ 383,800</b>	<b>\$ 465,850</b>	<b>\$ 389,450</b>	<b>\$ 548,250</b>	<b>\$ 442,600</b>	<b>\$ 1,825,700</b>	<b>\$ 4,055,650</b>
<b>TOTAL CONTRIBUTIONS</b>			<b>\$ 27,650</b>	<b>\$ 75,975</b>	<b>\$ 60,258</b>	<b>\$ 151,898</b>	<b>\$ 88,197</b>	<b>\$ 325,725</b>	<b>\$ 729,702</b>
<b>NET FUNDING REQUESTED</b>			<b>\$ 356,150</b>	<b>\$ 389,875</b>	<b>\$ 329,192</b>	<b>\$ 396,352</b>	<b>\$ 354,403</b>	<b>\$ 1,499,975</b>	<b>\$ 3,325,948</b>
Base Program									
Dedicated Funds									
New Initiatives									
External Funding									

**2018-2027 PROJECT PLAN  
INFORMATION TECHNOLOGY**

Page	Rank	Funding Source		2018	2019	2020	2021	2022	2023-2027	Total
<b>I.T. Department</b>										
		Ann. Budget/ Comp Equip	User Device Replacements	150,000	150,000	150,000	150,000	150,000	750,000	1,500,000
		Ann. Budget	Data Centre Infrastructure	150,000	400,000	125,000	50,000	350,000	1,250,000	2,325,000
		Ann. Budget	Fibre Infrastructure	75,000	50,000	-	-	-	-	125,000
		Ann. Budget	Backup & Recovery	150,000	-	-	-	-	-	150,000
		Ann. Budget	Agenda Management software	75,000	100,000	-	-	-	-	175,000
		Ann. Budget	Cyber Security	165,000	115,000	-	-	-	-	280,000
		Ann. Budget	Peoplesoft HCM Benefits, Performance, Auxiliary & Reporting automation	100,000	100,000	-	-	100,000	200,000	500,000
		Ann. Budget	Information Management Coordinator- Year 2 or 2	-	92,253	-	-	-	-	92,253
		Ann. Budget	Open Data & GIS Review	-	-	100,000	-	-	-	100,000
		Ann. Budget	Business Intelligence & Reporting	-	-	150,000	150,000	-	-	300,000
		Ann. Budget	Facilities Management Software	-	-	-	100,000	-	-	100,000
		Ann. Budget	Engineering Business Process Owner	50,000	100,000	100,000	-	-	-	250,000
		Ann. Budget	CNV.ORG refresh	-	200,000	100,000	-	-	600,000	900,000
		Ann. Budget	Enterprise Application Lifecycle Planning	-	200,000	100,000	700,000	300,000	800,000	2,100,000
			<b>Total - I.T. Department</b>	<b>915,000</b>	<b>1,507,253</b>	<b>825,000</b>	<b>1,150,000</b>	<b>900,000</b>	<b>3,600,000</b>	<b>8,897,253</b>
<b>Bylaw</b>										
		General Res.	Licence Plate Recognition Camera and Technology Replacement & Cost Annual Allowance	110,000	-	-	-	-	110,000	220,000
			<b>Total - Bylaw</b>	<b>\$ 110,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 110,000</b>	<b>\$ 220,000</b>
<b>Library</b>										
		Ann. Budget	Self-Service Payment System Renewal	20,000	-	-	-	-	-	20,000
		Ann. Budget	Integrated Library System (ILS) Renewal	-	-	-	18,000	-	-	18,000
		Ann. Budget	A/V System Renewal	30,000	-	-	-	-	-	30,000
		Ann. Budget	Library Website Renewal	-	80,000	-	-	-	-	80,000
			<b>Total - Library</b>	<b>\$ 50,000</b>	<b>\$ 80,000</b>	<b>\$ -</b>	<b>\$ 18,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 148,000</b>
<b>North Vancouver Museum &amp; Archives</b>										
		Ann. Budget	IT Refresh	11,725	3,000	2,250	7,350	7,750	27,575	59,650
		External	Museum & Archives Technology Refresh - Required Outside Funding	11,725	3,000	2,250	7,350	7,750	27,575	59,650
			<b>Total - North Vancouver Museum &amp; Archives</b>	<b>\$ 23,450</b>	<b>\$ 6,000</b>	<b>\$ 4,500</b>	<b>\$ 14,700</b>	<b>\$ 15,500</b>	<b>\$ 55,150</b>	<b>\$ 119,300</b>

**2018-2027 PROJECT PLAN  
INFORMATION TECHNOLOGY**

Page	Rank	Funding Source	2018	2019	2020	2021	2022	2023-2027	Total
<b>North Vancouver Recreation &amp; Culture Commission</b>									
7 - 24	Ann. Budget	NVRC ITS Recreation Software Replacement	66,660	-	-	-	-	-	66,660
7 - 24	External	NVRC ITS Recreation Software Replacement - Required Outside Funding	133,340	-	-	-	-	-	133,340
7 - 25	Ann. Budget	Customer Feedback & Resident Survey Software	-	12,500	-	-	-	-	12,500
7 - 25	External	Customer Feedback & Resident Survey Software - Required Outside Funding	-	25,000	-	-	-	-	25,000
7 - 26	Ann. Budget	Facility Desktop Hardware Refresh	-	21,000	21,000	21,000	21,000	105,000	189,000
7 - 28	Ann. Budget	Fibre Network Connection for HJ Community Rec Centre and Centennial Theatre	35,000	-	-	-	-	-	35,000
7 - 29	Ann. Budget	Technology Tools to Support Fitness, Health & Wellness Participation	-	3,000	7,000	-	-	-	10,000
7 - 29	External	Technology Tools to Support Fitness, Health & Wellness Participation - Required Outside Funding	-	6,000	14,000	-	-	-	20,000
<b>Total - North Vancouver Recreation Commission</b>			<b>\$ 235,000</b>	<b>\$ 67,500</b>	<b>\$ 42,000</b>	<b>\$ 21,000</b>	<b>\$ 21,000</b>	<b>\$ 105,000</b>	<b>\$ 491,500</b>
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>			<b>\$ 1,333,450</b>	<b>\$ 1,660,753</b>	<b>\$ 871,500</b>	<b>\$ 1,203,700</b>	<b>\$ 936,500</b>	<b>\$ 3,870,150</b>	<b>\$ 9,876,053</b>
<b>TOTAL CONTRIBUTIONS</b>			<b>\$ 145,065</b>	<b>\$ 34,000</b>	<b>\$ 16,250</b>	<b>\$ 7,350</b>	<b>\$ 7,750</b>	<b>\$ 27,575</b>	<b>\$ 237,990</b>
<b>NET FUNDING REQUESTED</b>			<b>\$ 1,188,385</b>	<b>\$ 1,626,753</b>	<b>\$ 855,250</b>	<b>\$ 1,196,350</b>	<b>\$ 928,750</b>	<b>\$ 3,842,575</b>	<b>\$ 9,638,063</b>
Base Program									
Dedicated Funds									
New Initiatives									
External Funding									

**2018-2027 PROJECT PLAN  
ENGINEERING EQUIPMENT**

Page	Rank	Funding Source		2018	2019	2020	2021	2022	2023-2027	Total
8 - 2		Eng Equip	Engineering, Parks and Environment Operations Vehicle/Equipment Replacement Program	1,275,000	1,245,000	520,000	856,000	156,000	2,385,000	6,437,000
8 - 6		TSLI	Snow and Ice Equipment	140,000	-	-	-	-	-	140,000
8 - 7		TSLI	Survey Instrument Replacement	50,000	-	-	-	-	-	50,000
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>				<b>\$ 1,465,000</b>	<b>\$ 1,245,000</b>	<b>\$ 520,000</b>	<b>\$ 856,000</b>	<b>\$ 156,000</b>	<b>\$ 2,385,000</b>	<b>\$ 6,627,000</b>
<b>TOTAL CONTRIBUTIONS</b>										
<b>NET FUNDING REQUESTED</b>				<b>\$ 1,465,000</b>	<b>\$ 1,245,000</b>	<b>\$ 520,000</b>	<b>\$ 856,000</b>	<b>\$ 156,000</b>	<b>\$ 2,385,000</b>	<b>\$ 6,627,000</b>
Base Program										
Dedicated Funds										
New Initiatives										

**2018-2027 PROJECT PLAN  
FIRE EQUIPMENT**

Page	Rank	Funding Source	2018	2019	2020	2021	2022	2023-2027	Total
9 - 2		Fire Equip	230,000	220,000	1,020,000	1,480,000	185,000	1,425,000	4,560,000
Fire Equipment Replacement Program									
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>			<b>\$ 230,000</b>	<b>\$ 220,000</b>	<b>\$ 1,020,000</b>	<b>\$ 1,480,000</b>	<b>\$ 185,000</b>	<b>\$ 1,425,000</b>	<b>\$ 4,560,000</b>
<b>TOTAL CONTRIBUTIONS</b>									
<b>NET FUNDING REQUESTED</b>			<b>\$ 230,000</b>	<b>\$ 220,000</b>	<b>\$ 1,020,000</b>	<b>\$ 1,480,000</b>	<b>\$ 185,000</b>	<b>\$ 1,425,000</b>	<b>\$ 4,560,000</b>
Base Program									
Dedicated Funds									

**2018-2027 PROJECT PLAN  
BLOCK FUNDING, ON-GOING PROGRAMS, OTHER PROJECTS**

Page	Rank	Funding Source	2018	2019	2020	2021	2022	2023-2027	Total	
<b>Block Funds</b>										
10 - 3		Ann. Budget	Block Funding - City Used Buildings	80,000	100,000	100,000	100,000	100,000	500,000	980,000
10 - 4		Ann. Budget	Block Funding - Non-City Used Buildings	80,000	100,000	100,000	100,000	100,000	500,000	980,000
10 - 5		Ann. Budget	Block Funding - Gerry Brewer Building	30,000	30,000	30,000	30,000	30,000	150,000	300,000
10 - 5		External	Gerry Brewer Building - Required Outside Funding	35,217	35,217	35,217	35,217	35,217	176,085	352,170
10 - 6		Ann. Budget	Block Funding - Information Technology	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
10 - 7		Ann. Budget	Block Funding - Parks Infrastructure	75,000	75,000	75,000	75,000	75,000	375,000	750,000
10 - 8		Ann. Budget	Block Funding - Transportation	30,000	30,000	30,000	30,000	30,000	150,000	300,000
10 - 9		Ann. Budget	Block Funding - Engineering Equipment	50,000	50,000	50,000	50,000	50,000	250,000	500,000
10 - 10		Ann. Budget	Block Funding - Waterfront Asset Infrastructure	50,000	50,000	50,000	50,000	50,000	250,000	500,000
10 - 11		Ann. Budget	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 Equipment	-	50,000	-	50,000	-	150,000	250,000
10 - 13		Ann. Budget	Block Funding - Police Equipment	23,000	23,000	23,000	23,000	23,000	115,000	230,000
10 - 13		External	Block Funding - Police Equipment - Required Outside Funding	27,000	27,000	27,000	27,000	27,000	135,000	270,000
10 - 14		Ann. Budget	Block Funding - Library Equipment	20,000	20,000	20,000	20,000	20,000	100,000	200,000
10 - 15		Ann. Budget	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		Ann. Budget / Gen. Equip	Block Funding - NVRC	75,000	75,000	75,000	75,000	75,000	400,000	775,000
10 - 17		Ann. Budget	NVRC Emergency Capital Replacement Fund	30,000	30,000	30,000	30,000	30,000	175,000	325,000
<b>TOTAL - BLOCK FUNDS</b>				<b>\$ 735,217</b>	<b>\$ 825,217</b>	<b>\$ 775,217</b>	<b>\$ 825,217</b>	<b>\$ 775,217</b>	<b>\$ 4,076,085</b>	<b>\$ 8,012,170</b>
<b>On-Going Programs</b>										
10 - 18		CCCIF	Child Care Capital Improvement Fund	9,323	-	-	-	-	-	9,323
<b>TOTAL - ON-GOING PROGRAMS</b>				<b>\$ 9,323</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,323</b>



**2018-2027 PROJECT PLAN  
BLOCK FUNDING, ON-GOING PROGRAMS, OTHER PROJECTS**

Page	Rank	Funding Source	2018	2019	2020	2021	2022	2023-2027	Total
<b>Other Projects</b>									
10 - 19		General Res.	Streamlining Development Controls (Year 3 of 3)	60,000	-	-	-	-	60,000
10 - 20		General Res.	Child Care Strategy Implementation Projects	40,000	-	-	-	-	40,000
10 - 21		General Res.	Public Space Place-making Support - Project Funding	30,000	-	-	-	-	30,000
10 - 22		General Res.	Fun City Festival	35,000	-	-	-	-	35,000
10 - 22		External	Fun City Festival - Outside Required Funding	50,000	-	-	-	-	50,000
10 - 23		General Res.	Economic Partnership North Vancouver (Year 3 of 3 year commitment)	40,000	-	-	-	-	40,000
10 - 23		External	Economic Partnership North Vancouver - Required Outside Funding	63,333	-	-	-	-	63,333
10 - 24		General Res.	Shipbuilders' Square and Public Realm Events	90,000	-	-	-	-	90,000
10 - 24		External	Shipbuilders' Square and Public Realm Events - Required Outside Funding	31,000	-	-	-	-	31,000
10 - 25		General Res.	Service Needs Analysis for Lower Lonsdale - Library	10,000	15,000	200,000	-	-	225,000
10 - 26		General Res.	Functional Plan Review - Library	25,000	-	-	-	-	25,000
10 - 27		General Res.	Corporate Climate Action Implementation	150,000	150,000	-	-	-	300,000
10 - 27		External	Corporate Climate Action Implementation - Required Outside Funding	50,000	50,000	-	-	-	100,000
<b>TOTAL - ONE-TIME STUDIES</b>			<b>\$ 674,333</b>	<b>\$ 215,000</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,089,333</b>
<b>TOTAL FUNDING REQUESTED IN PROJECT SHEETS</b>			<b>\$ 1,418,873</b>	<b>\$ 1,040,217</b>	<b>\$ 975,217</b>	<b>\$ 825,217</b>	<b>\$ 775,217</b>	<b>\$ 4,076,085</b>	<b>\$ 9,110,826</b>
<b>TOTAL CONTRIBUTIONS</b>			<b>\$ 266,550</b>	<b>\$ 122,217</b>	<b>\$ 72,217</b>	<b>\$ 72,217</b>	<b>\$ 72,217</b>	<b>\$ 361,085</b>	<b>\$ 966,503</b>
<b>NET FUNDING REQUESTED</b>			<b>\$ 1,152,323</b>	<b>\$ 918,000</b>	<b>\$ 903,000</b>	<b>\$ 753,000</b>	<b>\$ 703,000</b>	<b>\$ 3,715,000</b>	<b>\$ 8,144,323</b>
Base Program									
Dedicated Funds									
New Initiatives									
External Funding									

**City of North Vancouver Engineering Department**  
**10 Year - Capital Plan**  
**2018 - 2027**

To be noted:  
 \* The **10 Year Plan** reflects the current forecast for project budget year and provides a basis for year to year funding.  
 \* Projects of similar value may be transferred between years and the scope and priority of projects may change.  
 \* Operational issues, development needs and technological changes may effect the 10 Year Plan from year to year.

**WATER UTILITY**

Identifier	Studies	Description	2018	2019	2020	2021	2022	2023-2027	10 year Budget
Water	Ongoing Water Studies	Leak Detection, Record keeping/As Built	110,000	110,000	45,000	45,000	45,000	455,000	\$810,000
<b>Identifier</b>	<b>Ongoing Capital Programs</b>	<b>Description</b>							
Water	Ongoing City Wide Water Programs	Valve Refit, Cross Connection, Commercial Meters, PRV Renew, Hydrant Install, Sampling Stn., Meter Replacement, Connections, Connection Replacement, New Meters, Water Conserv.	625,000	605,000	600,000	605,000	605,000	3,045,000	\$6,085,000
<b>Identifier</b>	<b>Equipment</b>	<b>Description</b>							
Water	Yearly Water Equipment	Small tools and Equipment	6,000	6,000	6,000	6,000	6,000	30,000	\$60,000
<b>Identifier</b>	<b>Capital Project Locations</b>	<b>Description</b>							
W 1	Ridgeway Avenue: 2nd to 5th Street	Water Main Replacement	740,000					-	\$740,000
W 2	Heywood: 1000 Block:	Water Main Replacement	230,000					-	\$230,000
W 3	Pressure Zone Management & Metering	Watermain Loop Construction	120,000					-	\$120,000
W 4	Water Meter Automatic Reading System (AMI)	Water Meter Automatic Reading System (AMI)	75,000					-	\$75,000
W 5	17th Street and Wolfe Ave:	Watermain Loop Replacement		380,000				-	\$380,000
W 6	Gladstone Avenue:	Water Main Replacement		280,000				-	\$280,000
W 7	2nd or 3rd Street Lonsdale to St Davids:	Water Main Construction		1,096,250	1,096,250			-	\$2,192,500
W 8	Zone to Zone PRV Work	PRV Repairs & replacement		250,000				-	\$250,000
W 9	Western Avenue: 2300 Block:	Water Main Replacement			200,000	100,000		-	\$300,000
W 10	Tempe Crescent: 300 & 400 Block	Water Main Replacement				400,000		-	\$400,000
W 11	Fell Avenue: Copping to West 3rd (incl. 100 Block)	Water Main Replacement				707,000		-	\$707,000
W 12	3rd Street - Donaughey to Hanes Avenue:	Water Main Replacement					170,000	-	\$170,000
W 13	Donaghy Avenue: 1st to 3rd	Watermain Upgrade for Growth					808,000	-	\$808,000
W 14	20th Street - 300 Block West:	Water Main Replacement					265,000	-	\$265,000
W 15	28th Street: 200 & 300 Block	Watermain Upgrade for Growth						400,000	\$400,000
W 16	Lonsdale 19th to Highway 1 - 300 Main - DCC PROJECT	Watermain Upgrade for Growth						1,312,500	\$1,312,500
W 17	28th Street: 400 Block West	Water Main Replacement						250,000	\$250,000
W 18	1st Street - 200 & 300 Block West:	Water Main Replacement						500,000	\$500,000
W 19	Forbes Avenue: 1st to 3rd Street:	Water Main Replacement						500,000	\$500,000
W 20	13th Street - 100 Block East	Water Main Replacement						250,000	\$250,000
W 21	3rd Street - Mahon to Lonsdale	Water Main Replacement						700,000	\$700,000
W 22	Universal Water Metering	Water Meters						1,200,000	\$1,200,000
W 23	Projects To Be Determined							950,000	\$950,000
		<b>Projects Total:</b>	\$1,165,000	\$2,006,250	\$1,296,250	\$1,207,000	\$1,243,000	6,062,500	\$12,980,000
		<b>Studies, Programs, Equipment and Projects Total:</b>	\$1,906,000	\$2,727,250	\$1,947,250	\$1,863,000	\$1,899,000	9,592,500	\$19,935,000

City of North Vancouver Engineering Department  
 10 Year - Capital Plan  
 2018 - 2027

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**SEWERAGE COMPONENT**  
 Sewerage and Drainage Utility

Identifier	Studies	Description	2018	2019	2020	2021	2022	2023-2027	10 year Budget
Sewerage	Ongoing Sanitary Studies	Sanitary Model Update, Record Keeping/As Built Project	60,000	50,000	50,000	50,000	50,000	250,000	\$510,000
Identifier	Ongoing Capital Programs	Description							
Sewerage	Ongoing City Wide Sewerage Programs	Spot Repairs, Manhole Upgrading, Mainline Grouting IC & Connection Rehabilitation	165,000	165,000	165,000	160,000	130,000	705,000	\$1,490,000
Identifier	Equipment	Description							
Sew/Drge	Yearly Sewerage/Drainage Equipment	Small Tools and Equipment	6,000	6,000	6,000	6,000	6,000	30,000	\$60,000
Identifier	Capital Project Locations	Description							
SE 1	13th Street - 100 & 200 Block West	Sanitary Sewer Replacement	600,000					-	\$600,000
SE 2	Pump Station Upgrades	Pump Station Upgrades	200,000					400,000	\$600,000
SE 3	1st abd St. Davids Lateral Rehab	General mainline joint testing and repair - I&I Management	400,000					-	\$400,000
SE 4	Keith Road to 19th Street: East of Grand Boulevard	General mainline joint testing and repair - I&I Management		400,000				-	\$400,000
SE 5	700 Block East 14th	Sanitary Sewer Capacity Improvements		200,000				-	\$200,000
SE 6	700 Block St Andrews	Sanitary Sewer Capacity Improvements		200,000				-	\$200,000
SE 7	Crew Vehicle	Vehicle		90,000				-	\$90,000
SE 8	15th Street to 19th Street: Lonsdale to West Boulevard	General mainline joint testing and repair - I&I Management			400,000			-	\$400,000
SE 9	300 Block East 10th	Sanitary Sewer Capacity Improvements			200,000			-	\$200,000
SE 10	900 Block Hanes Avenue	Sanitary Sewer Capacity Improvements			200,000			-	\$200,000
SE 11	19th to 24th Street: Lonsdale to West Boulevard	General mainline joint testing and repair - I&I Management				450,000		-	\$450,000
SE 12	Esplanade - 300 Block East	Sewer Reconstruction				161,500		-	\$161,500
SE 13	19th to 24th Street: Lonsdale to Jones Avenue	General mainline joint testing and repair - I&I Management					500,000	-	\$500,000
SE 14	13th Street - 300 & 400 Block West	Sanitary Sewer Replacement					350,000	-	\$350,000
SE 15	15th Street to 19th Street: Lonsdale to West Boulevard	General mainline joint testing and repair - I&I Management						500,000	\$500,000
SE 16	19th to 24th Street: Lonsdale to West Boulevard	General mainline joint testing and repair - I&I Management						500,000	\$500,000
SE 17	St David's: 1st to 3rd	Sanitary Sewer Capacity Improvements						612,000	\$612,000
SE 18	Queensbury Avenue: 2nd to 4th	Sanitary Sewer Capacity Improvements						238,000	\$238,000
SE 19	19th to 24th Street: Lonsdale to Jones Avenue	General mainline joint testing and repair - I&I Management						500,000	\$500,000
SE 20	East 2nd - Lonsdale to St Andrews	Sanitary Sewer Capacity Improvements						527,000	\$527,000
SE 21	Marine Drive to 23rd Street: Fell to Hamilton Avenue	General mainline joint testing and repair - I&I Management						500,000	\$500,000
SE 22	Projects To Be Determined							1,178,500	\$1,178,500
<b>Projects Total:</b>			\$1,200,000	\$890,000	\$800,000	\$611,500	\$850,000	\$4,955,500	\$9,307,000
<b>Studies, Programs, Equipment and Projects Total:</b>			\$1,431,000	\$1,111,000	\$1,021,000	\$827,500	\$1,036,000	\$5,940,500	\$11,367,000

# City of North Vancouver Engineering Department

## 10 Year - Capital Plan

2018 - 2027

### DRAINAGE COMPONENT

#### Sewerage and Drainage Utility

To be noted:  
 \* The 10 Year Plan reflects the current forecast for project budget year and provides a basis for year to year funding.  
 \* Projects of similar value may be transferred between years and the scope and priority of projects may

Identifier	Studies	Description	2018	2019	2020	2021	2022	2023-2027	10 year Budget
Drainage	Ongoing Studies	Integrated Storm Water Management Plan Record Keeping/ As Built Project	110,000	195,000	285,000	120,000	200,000	740,000	\$1,650,000
Identifier	<b>Ongoing Capital Programs</b>	<b>Description</b>							
Drainage	Ongoing City Wide Drainage Programs	Catch Basin Replacement, Connections, Storm Main Infills Back of Walk Replacements	285,000	290,000	465,000	325,000	525,000	1,725,000	\$3,615,000
Identifier	<b>Equipment</b>	<b>Description</b>							
Sew/Drge	Yearly Sewerage/Drainage Equipment	*In Sewerage Utility						-	\$0
Identifier	<b>Capital Project Locations</b>	<b>Description</b>							
D 1	St. David's - Alder to 3rd	Storm Sewer Replacement	285,000	285,000				-	\$570,000
D 2	Infill Program	Infill Program	195,000	300,000	300,000	300,000	300,000	1,200,000	\$2,595,000
D 3	7th Street - Queensbury to Hendry:	New Storm Sewer		250,000	200,000	200,000		-	\$650,000
D 4	Creek Environmental Improvement Projects	Stream Enhancement Projects to Support ISMP		250,000		150,000		400,000	\$800,000
D 5	Ridgeway 2nd to 4th	Main Extension and Renewal			325,000			-	\$325,000
D 6	Moody - 3rd to 4th with Portion on 4th	Storm Sewer Replacement				460,000		-	\$460,000
D 7	Queensbury - 3rd to Keith	New Storm Sewer					365,000	-	\$365,000
D 8	Lane north of 6th Street - Queensbury to Hendry	New Storm Sewer					200,000	420,000	\$620,000
D 9	Keith Road - 100 Block West	Flow Bypass Relief						325,000	\$325,000
D 10	6th Street - Queensbury to Hendry	New Storm Sewer						650,000	\$650,000
D 11	Lane north of 4th Street - Queensbury to Hendry	New Storm Sewer						450,000	\$450,000
D 12	Lane north of 5th Street - Queensbury to Hendry	New Storm Sewer						485,000	\$485,000
D 13	Projects To Be Determined							835,000	\$835,000
<b>Projects Total:</b>			<b>\$480,000</b>	<b>\$1,085,000</b>	<b>\$825,000</b>	<b>\$1,110,000</b>	<b>\$865,000</b>	<b>\$4,765,000</b>	<b>\$9,130,000</b>
<b>Studies, Programs, Equipment and Projects Total:</b>			<b>\$875,000</b>	<b>\$1,570,000</b>	<b>\$1,575,000</b>	<b>\$1,555,000</b>	<b>\$1,590,000</b>	<b>\$7,230,000</b>	<b>\$14,395,000</b>

## 2018-2027 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.

	2018	2019	2020	2021	2022	2023-2027	Total
Tax Levy	\$ 8,787,800	\$ 9,237,800	\$ 9,687,800	\$ 10,137,800	\$ 10,587,800	\$ 59,689,000	\$ 108,128,000
<b>Total Available</b>	<b>\$ 8,787,800</b>	<b>\$ 9,237,800</b>	<b>\$ 9,687,800</b>	<b>\$ 10,137,800</b>	<b>\$ 10,587,800</b>	<b>\$ 59,689,000</b>	<b>\$ 108,128,000</b>
<b>Allocated to :</b>							
Tax Sale Land						-	-
Civic Amenity	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000	26,000,000
General Building						-	-
General Equipment						-	-
Fire Equipment	350,000	350,000	350,000	350,000	350,000	1,750,000	3,500,000
Computer Equipment						-	-
General Reserve	457,099				486,017	-	943,116
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
<b>Total to Reserves</b>	<b>3,644,599</b>	<b>3,187,500</b>	<b>3,187,500</b>	<b>3,187,500</b>	<b>3,673,517</b>	<b>15,937,501</b>	<b>32,818,117</b>
Transfer to Annual Budget	\$ 5,143,201	\$ 6,050,300	\$ 6,500,300	\$ 6,950,300	\$ 6,914,283	\$ 50,665,782	\$ 75,309,883

#### ANNUAL BUDGET - Direct Transfer to Capital

	2018	2019	2020	2021	2022	2023-2027	Total
Opening Balance	\$ 5,143,201	\$ 6,050,300	\$ 6,500,300	\$ 6,950,300	\$ 6,914,283	43,751,499	75,309,883
Closed Projects		20,000				-	20,000
<b>Available Balance</b>	<b>\$ 5,143,201</b>	<b>\$ 6,070,300</b>	<b>\$ 6,500,300</b>	<b>\$ 6,950,300</b>	<b>\$ 6,914,283</b>	<b>\$ 43,751,499</b>	<b>\$ 75,329,883</b>
<b>Withdrawals</b>							
<b>Base</b>							
<b>Buildings</b>							
Capital Maintenance	922,964	1,639,859	1,007,959	451,714	503,347	1,556,898	6,082,740
Civic Centre Improvements	123,000	60,000	110,626	-	-	-	293,626
Accessibility Ramp to Council Chambers		270,000				-	270,000
<b>Structures</b>							
Streets & Traffic	568,325	362,971	315,000	320,000	275,000	1,680,000	3,521,296
Traffic Signal and Street Lighting Program	406,300	235,000	1,456,250	957,250	907,250	2,864,000	6,826,050
Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th)	-	-	-	-	707,000	-	707,000
Pavement Management: Streets and Lanes	768,800	1,608,033	1,828,033	2,098,033	1,828,033	9,240,165	17,371,097
Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank)						2,272,500	2,272,500
Marine Drive Bridge Replacement over Mackay Creek				400,000		-	400,000
Replacement of City Hall Single Glazed Windows						2,462,439	2,462,439
Parking and Streetscapes	10,000	45,000	8,440	272,250	443,500	155,000	934,190
Parks & Environment	349,000	344,000	344,000	344,000	264,000	790,000	2,435,000
<b>Equipment</b>							
<b>Over \$10,000</b>							
General	322,150	387,483	329,192	396,352	354,403	1,499,975	3,289,555
IT	1,028,930	249,955	205,407	1,027,700	928,750	3,732,575	7,173,317
Bylaw		-	-	-	-	110,000	110,000
<b>Block Funding</b>							
One-time studies/projects		165,000	200,000	-	-	-	365,000
Ongoing Programs	643,732	703,000	695,393	683,000	703,000	3,565,000	6,993,125
<b>Total Expended</b>	<b>\$ 5,143,201</b>	<b>\$ 6,070,300</b>	<b>\$ 6,500,300</b>	<b>\$ 6,950,300</b>	<b>\$ 6,914,283</b>	<b>\$ 29,928,552</b>	<b>\$ 61,506,935</b>
<b>Closing Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 13,822,947</b>	<b>\$ 13,822,948</b>

# 2018-2027 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 through 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.

	2018	2019	2020	2021	2022	2023-2027	Total
Opening Balance (unappropriated)	\$ 27,677,898	25,037,898	\$ 76,219,273	\$ 98,706,273	\$ 98,756,273	\$ 98,806,273	\$ 27,677,898
Inflation Buffer	-	-	-	-	-	-	-
<b>Loan repayments:</b>							
-AT Field User Fee rpmt	50,000	50,000	50,000	50,000	50,000	250,000	500,000
<b>Proceeds of Sale:</b>							
-Land Sales - LL	-	83,744,000	-	-	-	-	83,744,000
-Land Sales - other	885,000	-	22,437,000	-	-	-	23,322,000
<b>Loans/Transfers</b>							
-Transfer from CAF	-	795,815	-	-	-	-	795,815
-Transfer to CAF	-	(32,496,000)	-	-	-	-	(32,496,000)
-Transfer from General Buildings	-	-	-	-	-	-	-
<b>Available Balance</b>	<b>\$ 28,612,898</b>	<b>77,131,713</b>	<b>\$ 98,706,273</b>	<b>\$ 98,756,273</b>	<b>\$ 98,806,273</b>	<b>\$ 99,056,273</b>	<b>\$ 103,543,713</b>
<b>-Purchases</b>							
Strategic Land Purchase	3,500,000	-	-	-	-	-	3,500,000
Other Sites	-	-	-	-	-	-	-
<b>-Grants/Transfers</b>							
-Transfer to Public Art	-	837,440	-	-	-	-	837,440
<b>-Other Withdrawals - Capital Funding</b>							
Waterfront Properties - Remediation Performance Verification	75,000	75,000	-	-	-	-	150,000
<b>Total Expenditures</b>	<b>\$ 3,575,000</b>	<b>912,440</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,487,440</b>
<b>Closing Balance</b>	<b>\$ 25,037,898</b>	<b>76,219,273</b>	<b>\$ 98,706,273</b>	<b>\$ 98,756,273</b>	<b>\$ 98,806,273</b>	<b>\$ 99,056,273</b>	<b>\$ 99,056,273</b>

### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
Opening Balance	\$ 1,935,521	830,337	\$ 1,518,858	\$ 2,623,883	\$ 2,961,938	\$ 14,832,191	\$ 24,702,728
<b>Available Balance</b>	<b>1,935,521</b>	<b>830,337</b>	<b>1,518,858</b>	<b>2,623,883</b>	<b>2,961,938</b>	<b>14,832,191</b>	<b>24,702,728</b>
<b>Withdrawals</b>							
Block Funding				20,000			20,000
IT		347,513	649,843	168,650			1,166,006
Engineering Equipment	190,000	-	-	-	-	-	190,000
Transport Studies	150,002	175,750	-	-	-	-	325,752
Fire Equipment				1,174,153	185,000		1,359,153
<b>Buildings</b>	<b>\$ 340,002</b>	<b>523,263</b>	<b>\$ 649,843</b>	<b>\$ 1,362,803</b>	<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ 3,060,911</b>
Replacement of City Hall Single Glazed Windows	-	-	-	-	-	1,137,561	1,137,561
Civic Centre Improvements	270,000	180,000	-	-	-	-	450,000
Accessibility Ramp to Council Chambers	-	5,000	-	-	-	-	5,000
Traffic Signal Pre-Emption for Fire Emergency Vehicles	75,000	-	80,000	80,000	80,000	-	315,000
Capital Maintenance	178,800	-	-	-	-	-	178,800
<b>Structures</b>	<b>\$ 523,800</b>	<b>185,000</b>	<b>\$ 80,000</b>	<b>\$ 80,000</b>	<b>\$ 80,000</b>	<b>\$ 1,137,561</b>	<b>\$ 2,086,361</b>
Hammersley Park Playground Replacement	-	30,000	300,000	-	-	-	330,000
Derek Inman Park Renovations	-	-	-	-	-	750,000	750,000
Mahon Park Playground Replacement	-	-	-	-	-	600,000	600,000
Wagg Park Playground Replacement	-	-	-	-	-	500,000	500,000
Tempe Heights Park Playground Replacement	-	-	-	-	-	630,000	630,000
St. Andrews Park Infrastructure Replacement	-	-	100,000	-	-	-	100,000
Loutet Park Playground Replacement	-	-	-	-	-	380,000	380,000
Confederation Field Turf Replacement	-	-	-	-	-	750,000	750,000
Traffic Signal System Upgrades	-	25,129	-	-	-	-	25,129
Living City Tree Planting Program	-	49,871	-	-	-	-	49,871
Sutherland Field Turf Replacement	-	-	-	-	-	-	-
<b>Equipment</b>	<b>\$ -</b>	<b>105,000</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,610,000</b>	<b>\$ 4,115,000</b>
Fire	-	-	-	-	-	-	-
<b>Total Expended</b>	<b>\$ 863,802</b>	<b>\$ 813,263</b>	<b>\$ 1,129,843</b>	<b>\$ 1,442,803</b>	<b>\$ 265,000</b>	<b>\$ 4,747,561</b>	<b>\$ 9,262,272</b>
<b>Closing Balance</b>	<b>\$ 1,071,719</b>	<b>17,074</b>	<b>\$ 389,015</b>	<b>\$ 1,181,080</b>	<b>\$ 2,696,938</b>	<b>\$ 10,084,630</b>	<b>\$ 15,440,456</b>

# 2018-2027 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.

	2018	2019	2020	2021	2022	2023-2027	Total
	\$ 24,464,675	805,609	\$ 44,119,784	\$ 61,564,941	\$ 63,709,879	\$ 64,545,833	\$ 24,464,675
<b>Opening Balance</b>							
Completed Projects							-
Early Appropriations							-
Contributions:							-
- Amenity Levy	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000	26,000,000
- Land sales - Lower Lonsdale	-	-	-	-	-	-	-
- Land sales - Other	-	6,414,853	14,336,475	-	-	-	20,751,328
- Centennial Seat Surcharge	35,000	35,000	35,000	35,000	35,000	175,000	350,000
- Parks DCC to Existing Projects	-	-	-	-	-	-	-
- Moodyville Development	500,000	4,800,000	-	-	-	-	5,300,000
- 150 E 8th & West 23rd	-	6,480,000	1,680,000	-	-	-	8,160,000
- Contributions	-	-	400,000	2,000,000	2,000,000	10,000,000	14,400,000
Transfer to TSL Principal	-	(795,815)	-	-	-	-	(795,815)
Transfer from TSL Principal	-	32,496,000	-	-	-	-	32,496,000
1% of LL Land Sales to Public Art	-	-	-	-	-	-	-
Interest for the year	434,887	1,360,770	1,868,882	1,931,356	1,955,704	11,443,511	18,995,109
<b>Available Balance</b>	<b>\$ 28,034,562</b>	<b>54,196,417</b>	<b>\$ 65,040,141</b>	<b>\$ 68,131,296</b>	<b>\$ 70,300,583</b>	<b>\$ 99,164,345</b>	<b>\$ 150,121,298</b>
<b>Withdrawals</b>							
Harry Jerome Community Centre - Redevelopment	14,100,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000	37,500,000
<b>Buildings</b>							
New Museum for NVMA	1,275,000	-	-	-	-	-	1,275,000
Central Waterfront Public Realm	400,000	430,000	-	-	-	-	830,000
Lot 5 Development	1,857,566	25,000	-	-	-	-	1,882,566
Central Waterfront Project Coordination and Oversight	425,000	73,000	-	-	-	-	498,000
Lonsdale Quay Waterfront Walk	-	220,000	-	-	-	-	220,000
Spirit Trail - Shipyards Connection	685,000	-	-	-	-	-	685,000
SeaBus Upgrades	250,000	250,000	-	-	-	-	500,000
Lower Lonsdale Wayfinding	80,000	80,000	-	-	-	-	160,000
<b>Pipe Shop - The Shipyards - Lot 4 Building Start-Up and Provisioning</b>	<b>900,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>900,000</b>
Feasibility North Shore Neighbourhood House	75,000	-	-	-	-	-	75,000
Burrard Dry Dock Electrical Building	-	350,000	-	-	-	-	350,000
PGE Station Provision	-	400,000	-	-	-	-	400,000
Enclose Terrace / Technology Learning Centre	400,000	-	-	-	-	-	400,000
Café Connection to Main Floor Library	55,000	-	-	-	-	-	55,000
1151 Heywood Demo - New park	130,000	-	-	-	-	-	130,000
<b>Parks</b>							
Semisch Park Infrastructure Replacement	300,000	-	-	-	-	-	300,000
Mahon Park, Picnic Area and Pitch & Putt	500,000	-	-	-	-	-	500,000
Moodyville Park Master Plan and Implementation	2,200,000	750,000	-	-	-	-	2,950,000
Greenwood Park Trail Improvements	-	250,000	-	-	-	-	250,000
Sutherland Field Turf Replacement	-	830,000	-	-	-	-	830,000
Waterfront Park Master Plan & Implementation	-	-	-	150,000	2,400,000	-	2,550,000
Bike Skills \ Pump Track Facility	-	-	-	-	75,000	-	75,000
St. Andrews Park Washrooms	-	-	-	200,000	-	-	200,000
Confederation Field Turf Replacement	-	-	-	-	-	-	-
Sunrise Park Trail Improvements	-	-	250,000	-	-	-	250,000
High Place Park Development	-	-	-	250,000	-	-	250,000
Lower Lonsdale Off-Leash Area	-	200,000	-	-	-	-	200,000
Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000	100,000	-	-	-	-	200,000
<b>Greenways</b>							
Greenways Wayfinding Program	-	-	-	-	-	-	-
Green Necklace - 21st and Lonsdale Ave to 19th and Grand Boulevard	1,631,150	-	-	-	-	-	1,631,150
Spirit Trail - Heywood St	277,750	-	-	-	-	-	277,750
St. David's Avenue Greenway Connection	-	170,000	-	-	-	-	170,000
Upper Levels Greenway - Lonsdale to Lynn Valley Road	-	-	-	176,750	-	-	176,750
Upper Levels Greenway - Lonsdale to Westview	-	-	-	-	176,750	-	176,750
Queensbury Avenue Greenway Connection	-	-	176,750	-	-	-	176,750
<b>Streets and Transportation</b>							
Bicycle Route Improvements	50,500	75,750	196,950	151,500	151,500	1,111,000	1,737,200
New Sidewalks to Complete Pedestrian Network	151,500	151,500	151,500	151,500	151,500	757,500	1,515,000
East Keith Road Multi-Modal Corridor Improvements, East Grand to Brooksbank	100,000	300,000	-	-	-	-	400,000
Sutherland Trail	-	80,000	-	-	-	-	80,000
Covered Bike Shelter & Secured Bike Parking	-	-	-	-	25,000	140,000	165,000
Casano Loutet Overpass	202,000	673,334	-	-	-	-	875,334
Chesterfield AAA Bike Route - 2nd to 4th	199,475	-	-	-	-	-	199,475
Lynn Valley Interchange Northbound Transportation Improvements	-	-	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
3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard)	101,000	1,010,000	-	-	-	-	1,111,000
Moodyville Neighbourhood Transportation Improvements	757,500	-	-	-	-	-	757,500
Parklet Design Competition and Installations	-	-	-	-	175,000	-	175,000
Marine Drive Bridge Replacement over Mackay Creek	-	-	-	441,667	-	-	441,667
Mosquito Creek Bridge	25,512	-	-	-	-	-	25,512
<b>Total Expended</b>	<b>27,228,953</b>	<b>10,076,634</b>	<b>3,475,200</b>	<b>4,421,417</b>	<b>5,754,750</b>	<b>15,129,700</b>	<b>66,086,654</b>
<b>Closing Balance</b>	<b>\$ 805,609</b>	<b>44,119,784</b>	<b>\$ 61,564,941</b>	<b>\$ 63,709,879</b>	<b>\$ 64,545,833</b>	<b>\$ 84,034,645</b>	<b>\$ 84,034,645</b>

## 2018-2027 PROJECT PLAN

### RESERVES AND OTHER FUNDING

#### LOWER LONSDALE AMENITY

The LLAF was originally created to set aside funds from non-Tax Sale land or density transfer in Lower Lonsdale. Funding from this source was to be used with respect to capital projects in the Lower Lonsdale area relating to the provision of affordable and adaptable rental housing, a community arts gallery, a photographic and media arts gallery, a museum, a 150-200 seat theatre, a multi-purpose activity centre, and other Lower Lonsdale amenities. In 2011, Council adopted a bylaw that requires all land sales to be consolidated into one reserve, the Civic Amenity Reserve Fund. While no new funding will be set aside in the LLAF, funds that are in place will be used toward the construction of Lower Lonsdale amenities as it was originally intended.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 62,028	63,888	\$ 65,804	\$ 67,778	\$ 69,811	\$ 71,905	\$ 62,028
Early Appropriations							-
Contributions:							-
- Completed Projects							-
Interest for the year	1,861	1,917	1,974	2,033	2,094	11,454	21,332
<b>Available Balance</b>	\$ 63,889	65,805	\$ 67,778	\$ 69,811	\$ 71,905	\$ 83,359	\$ 83,360
Withdrawals							-
<b>Total Expended</b>	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Closing Balance</b>	63,888	65,804	67,778	69,811	71,905	83,359	83,359

#### MARINE DRIVE AMENITY

This reserve originally aimed to set aside proceeds from land sales of non-Tax Sale properties in the Marine Drive area for the purpose of funding projects in the area. In 2011, Council adopted a bylaw that requires all land sales to be consolidated into one reserve, the Civic Amenity Reserve Fund. While no new funding will be set aside in this reserve, funds that are in place will be used toward projects in the Marine Drive area.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 337,420	164,203	\$ 91,106	\$ 93,839	\$ 96,655	\$ 99,554	\$ 337,420
Contributions:							-
Interest for the year	4,783	2,654	2,733	2,815	2,900	15,856	31,741
<b>Available Balance</b>	\$ 342,203	166,856	\$ 93,839	\$ 96,655	\$ 99,554	\$ 115,411	\$ 369,161
Withdrawals							-
Marine-Main - Transit & Active Transportation Improvements (MacKay to Brooksbank)		75,750	-	-	-	-	75,750
Mosquito Creek Bridge	178,000						178,000
<b>Closing Balance</b>	\$ 164,203	91,106	\$ 93,839	\$ 96,655	\$ 99,554	\$ 115,411	\$ 115,411

#### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 101,087	64,671	\$ 66,611	\$ 68,241	\$ 70,288	\$ 72,397	\$ 101,087
Contributions:							-
- Budgeted							-
Interest for the year	1,884	1,940	1,988	2,047	2,109	11,531	21,498
<b>Available Balance</b>	\$ 102,971	66,611	\$ 68,599	\$ 70,288	\$ 72,397	\$ 83,927	\$ 122,585
Withdrawals							-
Capital maintenance	38,300		358				38,658
Buildings - New Projects							-
Transfer to TSL							-
<b>Total Expended</b>	38,300	-	358	-	-	-	38,658
<b>Closing Balance</b>	\$ 64,671	66,611	\$ 68,241	\$ 70,288	\$ 72,397	\$ 83,927	\$ 83,927

#### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 51,234	52,771	\$ 54,354	\$ 50,713	\$ 52,235	\$ 53,802	\$ 51,234
Early Appropriations							-
Contributions:							-
- Budgeted							-
Completed projects							-
Interest for the year	1,537	1,583		1,521	1,567	8,569	14,778
<b>Available Balance</b>	\$ 52,771	54,354	\$ 54,354	\$ 52,235	\$ 53,802	\$ 62,371	\$ 66,012
Withdrawals							-
Capital maintenance			3,641				3,641
<b>Total Expended</b>	-	-	3,641	-	-	-	3,641
<b>Closing Balance</b>	\$ 52,771	54,354	\$ 50,713	\$ 52,235	\$ 53,802	\$ 62,371	\$ 62,371



# 2018-2027 PROJECT PLAN

## RESERVES AND OTHER FUNDING

### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 22,313</b>	<b>22,982</b>	<b>\$ 23,672</b>	<b>\$ 24,382</b>	<b>\$ 25,113</b>	<b>\$ 25,867</b>	<b>\$ 22,313</b>
Gas Tax	196,967	196,967	196,967	196,967	196,967	984,835	1,969,670
Closed Projects							
Contributions:							
- Budgeted							
Interest for the year	669	689	710	731	753	4,120	7,674
<b>Available Balance</b>	<b>\$ 219,949</b>	<b>220,639</b>	<b>\$ 221,349</b>	<b>\$ 222,080</b>	<b>\$ 222,834</b>	<b>\$ 1,014,822</b>	<b>\$ 1,999,657</b>
Withdrawals							
Pavement Management	196,967	196,967	196,967	196,967	196,967	984,835	1,969,670
<b>Total Expended</b>	<b>196,967</b>	<b>196,967</b>	<b>196,967</b>	<b>196,967</b>	<b>196,967</b>	<b>984,835</b>	<b>1,969,670</b>
<b>Closing Balance</b>	<b>\$ 22,982</b>	<b>23,672</b>	<b>\$ 24,382</b>	<b>\$ 25,113</b>	<b>\$ 25,867</b>	<b>\$ 29,987</b>	<b>\$ 29,987</b>

### GENERAL EQUIPMENT

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

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 79,112</b>	<b>30,844</b>	<b>\$ 33,452</b>	<b>\$ 30,845</b>	<b>\$ 36,920</b>	<b>\$ 43,178</b>	<b>\$ 79,112</b>
Completed Projects							
Contributions:							
- Budgeted							
- Eq. Sales proceeds	5,000	5,000	5,000	5,000	5,000	25,000	50,000
Interest for the year				1,075	1,258	9,219	11,552
<b>Available Balance</b>	<b>\$ 84,112</b>	<b>35,844</b>	<b>\$ 38,452</b>	<b>\$ 36,920</b>	<b>\$ 43,178</b>	<b>\$ 77,397</b>	<b>\$ 140,664</b>
Withdrawals							
Block Funding - NVRC	19,268		7,607				26,875
RFID Sorter Retrofit	34,000						34,000
RFID Security Gates Replacement		2,393					2,393
<b>Total Expended</b>	<b>53,268</b>	<b>2,393</b>	<b>7,607</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63,268</b>
<b>Closing Balance</b>	<b>\$ 30,844</b>	<b>33,452</b>	<b>\$ 30,845</b>	<b>\$ 36,920</b>	<b>\$ 43,178</b>	<b>\$ 77,397</b>	<b>\$ 77,397</b>

### FIRE EQUIPMENT

Used for fire equipment, and replacement and upgrades.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 93,669</b>	<b>597,059</b>	<b>\$ 697,371</b>	<b>\$ 28,192</b>	<b>\$ 23,016</b>	<b>\$ 384,206</b>	<b>\$ 93,669</b>
Closed projects							
Contributions:							
- Budgeted	350,000	350,000	350,000	350,000	350,000	1,750,000	3,500,000
- Transfer from General Reserve	366,000						366,000
Interest for the year	17,390	20,312	821	670	11,190	61,656	112,040
<b>Available Balance</b>	<b>\$ 827,059</b>	<b>967,371</b>	<b>\$ 1,048,192</b>	<b>\$ 378,863</b>	<b>\$ 384,206</b>	<b>\$ 2,195,862</b>	<b>\$ 4,071,709</b>
Withdrawals							
Equipment and Vehicles	230,000	220,000	1,020,000	305,847		1,425,000	3,200,847
Block Funds		50,000		50,000		150,000	250,000
<b>Closing Balance</b>	<b>\$ 597,059</b>	<b>697,371</b>	<b>\$ 28,192</b>	<b>\$ 23,016</b>	<b>\$ 384,206</b>	<b>\$ 620,862</b>	<b>\$ 620,862</b>

### COMPUTER EQUIPMENT

Used for computer equipment replacement and upgrades.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 176,947</b>	<b>131,317</b>	<b>\$ 135,257</b>	<b>\$ 139,314</b>	<b>\$ 143,494</b>	<b>\$ 147,798</b>	<b>\$ 176,947</b>
Closed Projects							
Contributions:							
- Budgeted							
Interest for the year	3,825	3,940	4,058	4,179	4,305	23,540	43,847
<b>Available Balance</b>	<b>\$ 180,772</b>	<b>135,257</b>	<b>\$ 139,314</b>	<b>\$ 143,494</b>	<b>\$ 147,798</b>	<b>\$ 171,339</b>	<b>\$ 220,794</b>
Withdrawals							
User Device Replacements	49,455						49,455
<b>Closing Balance</b>	<b>\$ 131,317</b>	<b>135,257</b>	<b>\$ 139,314</b>	<b>\$ 143,494</b>	<b>\$ 147,798</b>	<b>\$ 171,339</b>	<b>\$ 171,339</b>

## 2018-2027 PROJECT PLAN

### RESERVES AND OTHER FUNDING

#### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 2,699,967</b>	<b>1,879,716</b>	<b>\$ 1,065,758</b>	<b>\$ 974,130</b>	<b>\$ 533,674</b>	<b>\$ 801,004</b>	<b>\$ 2,699,967</b>
Closed Projects							-
Contributions:							-
- Budgeted	400,000	400,000	400,000	400,000	400,000	2,010,000	4,010,000
Interest for the year	54,749	31,041	28,373	15,544	23,330	120,303	273,340
<b>Available Balance</b>	<b>\$ 3,154,716</b>	<b>2,310,758</b>	<b>\$ 1,494,130</b>	<b>\$ 1,389,674</b>	<b>\$ 957,004</b>	<b>\$ 2,931,307</b>	<b>\$ 6,983,307</b>
Withdrawals							-
Vehicles	1,275,000	1,245,000	520,000	856,000	156,000	2,385,000	6,437,000
<b>Closing Balance</b>	<b>\$ 1,879,716</b>	<b>1,065,758</b>	<b>\$ 974,130</b>	<b>\$ 533,674</b>	<b>\$ 801,004</b>	<b>\$ 546,307</b>	<b>\$ 546,307</b>

#### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 783,335</b>	<b>291,835</b>	<b>\$ 300,590</b>	<b>\$ 309,608</b>	<b>\$ 318,896</b>	<b>\$ 328,463</b>	<b>\$ 783,335</b>
Contributions:							-
Interest for the year	8,500	8,755	9,018	9,288.23	9,567	52,316	97,444
<b>Available Balance</b>	<b>\$ 791,835</b>	<b>300,590</b>	<b>\$ 309,608</b>	<b>\$ 318,896</b>	<b>\$ 328,463</b>	<b>\$ 380,779</b>	<b>\$ 880,779</b>
Withdrawals							-
City Share of LAS Projects	500,000	-	-	-	-	-	500,000
<b>Closing Balance</b>	<b>\$ 291,835</b>	<b>300,590</b>	<b>\$ 309,608</b>	<b>\$ 318,896</b>	<b>\$ 328,463</b>	<b>\$ 380,779</b>	<b>\$ 380,779</b>

#### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 125,979</b>	<b>70,447</b>	<b>\$ 20,546</b>	<b>\$ 18,985</b>	<b>\$ 18,985</b>	<b>\$ 18,985</b>	<b>\$ 125,979</b>
Contributions:							-
Interest for the year	2,052	598					2,650
<b>Available Balance</b>	<b>\$ 128,031</b>	<b>71,046</b>	<b>\$ 20,546</b>	<b>\$ 18,985</b>	<b>\$ 18,985</b>	<b>\$ 18,985</b>	<b>\$ 128,630</b>
Withdrawals							-
Lot 5	42,434						42,434
Parking Projects Streets & Traffic	15,150	50,500	1,560	-	-	-	67,210
<b>Total Expended</b>	<b>\$ 57,584</b>	<b>50,500</b>	<b>1,560</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ 109,644</b>
<b>Closing Balance</b>	<b>\$ 70,447</b>	<b>20,546</b>	<b>\$ 18,985</b>	<b>\$ 18,985</b>	<b>\$ 18,985</b>	<b>\$ 18,985</b>	<b>\$ 18,985</b>

#### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 17,226,079</b>	<b>4,185,665</b>	<b>\$ 5,205,172</b>	<b>\$ 8,102,620</b>	<b>\$ 10,639,251</b>	<b>\$ 13,406,481</b>	<b>\$ 17,226,079</b>
Contributions:							-
- Levy	917,299	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000	17,117,299
- Completed projects							-
Loan to Transportation DCC	(2,308,526)	(932,100)					(3,240,626)
Repayment from Transportation DCC			1,034,700	600,000	750,000	896,528	3,281,228
Interest for the year	121,913	151,607	235,999	309,881	390,480	3,090,965	4,300,844
<b>Available Balance</b>	<b>\$ 15,956,765</b>	<b>\$ 5,205,172</b>	<b>\$ 8,275,870</b>	<b>\$ 10,812,501</b>	<b>\$ 13,579,731</b>	<b>\$ 26,393,974</b>	<b>\$ 38,684,824</b>
Withdrawals							-
New Parks	9,900,000	-	-	-	-	-	9,900,000
Green Necklace -21st and Lonsdale Ave to 19th and Grand Boulevard - DCC	1,598,850	-	-	-	-	-	1,598,850
Spirit Trail - Heywood St - DCC	272,250	-	-	-	-	-	272,250
Upper Levels Greenway - Lonsdale to Lynn Valley Road - DCC	-	-	-	173,250	-	-	173,250
Upper Levels Greenway - Lonsdale to Westview - DCC	-	-	-	-	173,250	-	173,250
Queensbury Avenue Greenway Connection - DCC	-	-	173,250	-	-	-	173,250
<b>Total Expended</b>	<b>\$ 11,771,100</b>	<b>-</b>	<b>\$ 173,250</b>	<b>\$ 173,250</b>	<b>\$ 173,250</b>	<b>\$ -</b>	<b>\$ 12,290,850</b>
<b>Closing Balance</b>	<b>\$ 4,185,665</b>	<b>5,205,172</b>	<b>\$ 8,102,620</b>	<b>\$ 10,639,251</b>	<b>\$ 13,406,481</b>	<b>\$ 26,393,974</b>	<b>\$ 26,393,974</b>

2018-2027 PROJECT PLAN

RESERVES AND OTHER FUNDING

TRANSPORTATION DCC

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

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 60,174	(0)	(0)	(0)	185,475	79,447	\$ 60,174
Levy	400,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	13,900,000
Repayment to Parks DCC			(1,034,700)	(600,000)	(750,000)	(896,528)	(3,281,228)
Loan from Parks DCC	2,308,526	932,100					3,240,626
Interest for the year				852,975	703,223	6,451,408	8,007,605
<b>Available Balance</b>	\$ 2,768,700	\$ 2,432,100	\$ 465,300	\$ 1,752,975	\$ 1,638,697	\$ 13,134,327	\$ 21,927,177
<b>Withdrawals</b>							
Bicycle Route Improvements - DCC	49,500	74,250	193,050	148,500	148,500	1,089,000	1,702,800
Traffic Signal at 4th and Lonsdale (Pedestrian & Bike Safety) -DCC	66,825	-	-	-	-	-	66,825
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety) -DCC	14,850	59,400	-	-	-	-	74,250
New Sidewalks to Complete Pedestrian Network - DCC	148,500	148,500	148,500	148,500	148,500	742,500	1,485,000
Casano Loutet Overpass - DCC	198,000	660,000	-	-	-	-	858,000
Chesterfield AAA Bike Route - 2nd to 4th - DCC	195,525	-	-	-	-	-	195,525
Keith and Brooksbank Active Transportation Improvements - DCC	79,200	-	-	-	-	-	79,200
Mosquito Creek Bridge - DCC	957,000	-	-	-	-	-	957,000
Marine Drive Bridge Replacement over Mackay Creek - DCC	-	-	-	825,000	-	-	825,000
3rd St - Transit & Active Transportation Improvements (Queensbury to Kennard) - DCC	99,000	990,000	-	-	-	-	1,089,000
Active Transportation Improvements (MacKay to Brooksbank) - DCC	74,250	74,250	-	-	-	2,227,500	2,376,000
Moodyville Neighbourhood Transportation Improvements - DCC	742,500	-	-	-	-	-	742,500
Transportation Plan Update - DCC	-	74,250	-	-	-	-	74,250
Pedestrian and Roadway Lighting Implementation - DCC	128,700	-	123,750	222,750	222,750	891,000	1,588,950
Moodyville Traffic Signals - DCC	-	301,950	-	-	-	118,800	420,750
Lower Lonsdale On-Street Parking - DCC	14,850	-	-	-	-	-	14,850
200 East 2nd Street - Parking improvements - DCC	-	49,500	-	-	-	-	49,500
100 East 1st Street - Streetscape Improvements - DCC	-	-	-	-	346,500	-	346,500
100 East 2nd Street - Parking & Streetscape Improvements - DCC	-	-	-	222,750	-	-	222,750
Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th) - DCC	-	-	-	-	693,000	-	693,000
<b>Closing Balance</b>	\$ (0)	(0)	(0)	185,475	79,447	8,065,527	8,065,527

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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 1,716,116	325,599	3,033,967	3,454,586	3,867,224	4,292,240	\$ 1,716,116
Contributions:							
- Budgeted							
- Levy		2,820,000	520,000	500,000	500,000	2,500,000	6,840,000
Interest for the year	9,483	88,368	100,619	112,637.59	125,017	824,166	1,260,290
<b>Available Balance</b>	\$ 1,725,599	3,233,967	3,654,586	4,067,224	4,492,240	7,616,406	\$ 9,816,406
<b>Withdrawals</b>							
Projects & Grants	1,400,000	200,000	200,000	200,000	200,000	1,000,000	3,200,000
<b>Total expended</b>	\$ 1,400,000	200,000	200,000	200,000	200,000	1,000,000	\$ 3,200,000
<b>Closing Balance</b>	\$ 325,599	3,033,967	3,454,586	3,867,224	4,292,240	6,616,406	6,616,406

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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 133,916	129,386	133,268	155,768	183,616	212,299	\$ 133,916
Contributions:							
- Annual	87,500	87,500	87,500	87,500	87,500	437,500	875,000
- Budgeted							
-Completed Projects							
Interest for the year	3,769	3,882		5,348	6,183	44,353	63,535
<b>Available Balance</b>	\$ 225,184	220,768	220,768	248,616	277,299	694,152	1,072,450
Transit Improvements	14,998	20,000	65,000	65,000	65,000	325,000	554,998
Projects & Grants	80,800	67,500					148,300
<b>Total expended</b>	\$ 95,798	87,500	65,000	65,000	65,000	325,000	703,298
<b>Closing Balance</b>	\$ 129,386	133,268	155,768	183,616	212,299	369,152	369,152

## 2018-2027 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 267,600	334,853	\$ 1,207,462	\$ 1,243,686	\$ 1,280,996	\$ 1,319,426	\$ 267,600
Closed Projects							-
Contributions:	57,500						57,500
- Budgeted	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Transfer from TSL	-	837,440	-	-	-	-	837,440
Interest for the year	9,753	35,169	36,224	37,310.57	38,430	210,150	367,036
<b>Available Balance</b>	\$ 419,853	1,292,462	\$ 1,328,686	\$ 1,365,996	\$ 1,404,426	\$ 1,954,576	\$ 2,379,576
Withdrawals							
Public Art Projects	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Public Art - 1% of LL Land Sales	-	-	-	-	-	-	-
<b>Total expended</b>	\$ 85,000	85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 850,000
<b>Closing Balance</b>	\$ 334,853	1,207,462	\$ 1,243,686	\$ 1,280,996	\$ 1,319,426	\$ 1,529,576	\$ 1,529,576

#### 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

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 1,070,751	793,874	\$ 817,690	\$ 842,220	\$ 867,487	\$ 893,512	\$ 1,070,751
Contributions:							
Interest for the year	23,123	23,816	24,531	25,266.61	26,025	142,313	265,074
<b>Available Balance</b>	\$ 1,093,874	817,690	\$ 842,220	\$ 867,487	\$ 893,512	\$ 1,035,825	\$ 1,335,825
Withdrawals							
Cemetery Projects	300,000	-	-	-	-	-	300,000
<b>Closing Balance</b>	\$ 793,874	817,690	\$ 842,220	\$ 867,487	\$ 893,512	\$ 1,035,825	\$ 1,035,825

##### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 9,323	-	\$ -	\$ -	\$ -	\$ -	\$ 9,323
Contributions:							
<b>Available Balance</b>	\$ 9,323	-	\$ -	\$ -	\$ -	\$ -	\$ 9,323
Child Care Capital Improvement Fund	9,323	-	-	-	-	-	9,323
<b>Closing Balance</b>	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -

##### 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).

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	\$ 91,260	91,260	\$ 66,131	\$ 66,131	\$ 81,131	\$ 96,131	\$ 91,260
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
<b>Available Balance</b>	\$ 181,260	181,260	\$ 156,131	\$ 156,131	\$ 171,131	\$ 546,133	\$ 991,262
Withdrawals							
Community Transportation Demand Management Program	90,000	90,000	90,000	-	-	-	270,000
Living City Tree Planting Program		25,129		75,000	75,000	375,000	550,129
Streets and Traffic Projects							-
<b>Closing Balance</b>	\$ 91,260	66,131	\$ 66,131	\$ 81,131	\$ 96,131	\$ 171,133	\$ 171,133

## 2018-2027 PROJECT PLAN

### RESERVES AND OTHER FUNDING

#### 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.

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 127,053</b>	<b>37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 127,053</b>
Contributions:						-	-
<b>Available Balance</b>	<b>\$ 127,053</b>	<b>37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 127,053</b>
Withdrawals	89,559	-	-	-	-	-	89,559
<b>Closing Balance</b>	<b>\$ 37,494</b>	<b>37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>	<b>\$ 37,494</b>

#### General Reserve

	2018	2019	2020	2021	2022	2023-2027	Total
<b>Opening Balance</b>	<b>\$ 4,815,945</b>	<b>2,424,455</b>	<b>\$ 1,160,170</b>	<b>\$ 845,796</b>	<b>\$ 845,796</b>	<b>\$ 1,331,813</b>	<b>\$ 4,815,945</b>
Trnsfr to Fire Reserve	(366,000)					-	(366,000)
Contributions:							
Lease Revenue (Tap & Barrel)	630,215	315,000				-	945,215
Transfer from Annual Budget	457,099	-	-	-	486,017	-	943,116
<b>Available Balance</b>	<b>\$ 5,537,259</b>	<b>2,739,455</b>	<b>\$ 1,160,170</b>	<b>\$ 845,796</b>	<b>\$ 1,331,813</b>	<b>\$ 1,331,813</b>	<b>\$ 6,338,276</b>
						-	-
IT		1,029,286				-	1,029,286
Land Acquisition 1% Municip Assist	100,000	-	-	-	-	-	100,000
City-Wide LED Streetlight upgrade		250,000				-	250,000
Buildings - New Projects			39,374			-	39,374
Mosquito Creek Bridge	522,821	-	-	-	-	-	522,821
Marine Drive Bridge Replacement over Mackay Creek						-	-
Bylaw	110,000					-	110,000
One-time studies/projects	480,000					-	480,000
Pavement Management: Streets and Lanes	1,109,233					-	1,109,233
The Shipyards - Lot 3 Building Maintenance	120,000					-	120,000
Harry Jerome Complex - Major Repairs	280,000	200,000	200,000			-	680,000
Marine-Main - Transit & Active Transportation Improvements (MackKay to Brooksbank)	75,750					-	75,750
Sutherland Field Turf Replacement	80,000	100,000				-	180,000
Living City Tree Planting Program	75,000		75,000			-	150,000
BC Hydro Beautification 119-131 West Esplanade & 120 Carrie Cates Court	160,000					-	160,000
<b>Total expended</b>	<b>\$ 3,112,804</b>	<b>\$ 1,579,286</b>	<b>\$ 314,374</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,006,464</b>
<b>Closing Balance</b>	<b>\$ 2,424,455</b>	<b>\$ 1,160,170</b>	<b>\$ 845,796</b>	<b>\$ 845,796</b>	<b>\$ 1,331,813</b>	<b>\$ 1,331,813</b>	<b>\$ 1,331,813</b>

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