
2019 - 2028 Project Plan

April 8, 2019 | FINANCE DEPARTMENT



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**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Funding from Reserves

Annual Budget - Transfer to General Reserve

Buildings

Maintenance & Replacement for Civic Centre	322,605	
Maintenance & Replacement for Gerry Brewer Building	87,964	
Maintenance & Replacement for Fire Hall	133,215	
Maintenance & Replacement for City Owned/Non-City Used Buildings	373,805	
Maintenance & Replacement for Parks Buildings	126,260	
Maintenance & Replacement for Operations Centre	80,785	
Maintenance & Replacement for Civic Library	83,460	
The Shipyards - Lot 3 Building Maintenance	160,000	
Harry Jerome Community Recreation Centre	75,000	
Memorial Community Recreation Centre	15,000	
Mickey McDougall Community Recreation Centre	15,000	
Centennial Theatre	65,000	
John Braithwaite Community Centre	45,000	
	45,000	

1,583,094

Streets & Transportation

Local Traffic Safety Improvements	40,000	
Sidewalk Infill & Reconstruction	170,000	
Fell Avenue: Slope stability and Retaining Walls	50,000	
Traffic Signal System Upgrades	100,000	
Street Light and Traffic Signal Aging Pole Replacement	50,000	
City-Wide LED Streetlight upgrade	250,000	
Automated Traffic Counters	50,000	
Street Banner And Furnishing Program	45,000	
Traffic Signs and Pavement Markings	50,000	
Bridge Rehabilitation	50,000	
Pavement Condition Testing	25,000	
Community Transportation Demand Management Program	70,000	
Safe Routes to Schools	95,000	
INSTPP Implementation (Previously known as North Shore Transportation Improvements)	100,000	
Great Streets - Corridor Studies	240,000	
	240,000	

1,385,000

Parks & Environment

Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000	
Tempe Height Tennis Court Resurfacing	20,000	
Greenwood Park Trail and Forest Restoration	250,000	
Irrigation System Upgrades	34,000	
Chafer Beetle Turf Restoration	45,000	
Wooden Bridge and Stair Replacement	25,000	
Grass Sports Field Renovations	75,000	
Play Equipment Replacement	35,000	
Park & Greenways Trail Resurfacing	10,000	
Parks Furnishings and Signage	35,000	
Invasives Management and Forest Restoration	60,000	
	60,000	

689,000

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Information Technology

Data Centre Infrastructure	378,742	
Cyber Security	115,000	
Peoplesoft HCM Benefits, Performance, Auxiliary & Reporting automation	100,000	
Business Application Systems Analyst	92,253	
Engineering Business Process Owner	100,000	
CNV.ORG Refresh	50,000	
Technology Learning Centre Fit-Out	80,000	
Library Website Renewal	5,000	
IT Refresh	14,500	
Customer Survey Tool Replacement	34,000	
Perfect Mind Implementation: Integration Project	10,000	
Facility Desktop Hardware Refresh	21,000	
Maintenance Work Order System Replacement	5,000	
	1,005,495	

General Equipment

Furniture and Equipment	91,970	
Gerry Brewer Furniture	47,134	
Council Report and Resolution Digital Archive	15,000	
	154,104	

Recreation Equipment

NVRC Recreation Program Equipment	225,000	
	225,000	

Other Equipment

LIB - RFID Security Gates Replacement	25,000	
LIB - Sorter Bin Replacement	18,000	
	43,000	

Pool Vehicle Replacement

Pool Vehicle Replacement	55,000	
Bylaw Vehicles Replacement	45,000	
	100,000	

NVRC Vehicle Replacement

NVRC Maintenance Vehicles	24,000	
	24,000	

Block Funding

Block Funding - City Used Buildings	100,000	
Block Funding - Non-City Used Buildings	100,000	
Block Funding - Gerry Brewer Building	28,728	
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	22,350	
Block Funding - Library Equipment	20,000	
Block Funding - Museum & Archives	10,000	
Block Funding - NVRC	75,000	
NVRC Emergency Capital Replacement Fund	30,000	
Community Engagement	160,000	
	861,078	

Total Annual Budget - Transfer to General Reserve		6,069,771
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**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Tax Sale Land Reserve Fund - Principal

Strategic Land Acquisition	3,500,000	
719 West 2nd St Strategic Property Purchase 2015	<u>198,779</u>	
		<u>3,698,779</u>
Total Tax Sale Land Reserve Fund - Principal		3,698,779

Tax Sale Land Reserve Fund - Interest

Buildings

Fire Hall Vestibule	15,000	
Feasibility - 1555 Forbes	30,000	
Civic Centre Minor Renovations	385,200	
Civic Centre Accommodation Provision	<u>250,000</u>	
		680,200

Engineering Equipment

Parks Operation Supervisors Electric Pool Vehicle	<u>50,000</u>	
		<u>50,000</u>

Total Tax Sale Land Reserve Fund - Interest **730,200**

Civic Amenity Reserve Fund

Buildings

Maintenance & Replacement for City Owned/Non-City Used Buildings	120,000	
Harry Jerome Community Recreation Centre	14,547,370	
New Museum for NVMA	525,000	
Central Waterfront Public Realm	1,200,000	
Project Coordination and Oversight	433,000	
SeaBus Upgrades	250,000	
Lot 5 Development	<u>310,000</u>	
		17,385,370

Streets and Transportation

New Sidewalks to Complete Pedestrian Network	151,500	
Sutherland Trail	80,000	
Bicycle Route Improvements	20,200	
Transit Stop Improvements	80,000	
Greenways Wayfinding Program	20,000	
Installation of Accessible Pedestrian Signal Units	35,000	
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	60,600	
Traffic Signal at 3rd & St. David's	184,325	
Pedestrian and Roadway Lighting Implementation	75,750	
Pedestrian Scale Lighting Grand Boulevard Park	750,000	
Traffic Signal at East 13th St at St Andrew's Ave	300,000	
New Pedestrian Crossing Facilities	150,000	
Moodyville Traffic Signals	308,050	
Sidewalk Patios - Lower Lonsdale	50,000	
Casano Loutet Overpass	673,334	
St. David's Avenue Greenway Connection	700,000	
St. Andrews Bike Route - Esplanade to 24th St	100,000	
Upper Levels Greenway - Lonsdale to Lynn Valley Road	40,000	
Marine-Main Corridor Improvements	<u>1,525,000</u>	
		5,303,759

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Parks & Environment

Lower Lonsdale Off-Leash Area	250,000	
Hammersley Park Improvements and Playground Replacement	50,000	
1600 Eastern Avenue Park	50,500	
New Harry Jerome Neighbourhood Lands Park	200,000	
Chris Zuehlke Field Lighting	<u>454,000</u>	
		<u>1,004,500</u>

Block Funding and other Projects

Electric Vehicle Strategy Implementation	<u>190,000</u>	
		<u>190,000</u>

Total Civic Amenity Reserve Fund 23,883,629

General Building Reserve Fund

Buildings

Ops Centre Storage Site	<u>62,787</u>	
		<u>62,787</u>

Total General Building Reserve Fund 62,787

Justice Administration Building Fund

Buildings

Maintenance & Replacement for Gerry Brewer Building	<u>51,234</u>	
		<u>51,234</u>

Total Justice Administration Reserve Fund 51,234

Infrastructure Reserve Fund

Streets and Transportation

Pavement Management: Streets and Lanes	<u>485,346</u>	
		<u>485,346</u>

Total Infrastructure Reserve Fund 485,346

General Equipment Replacement Fund

Furniture and Equipment	<u>41,780</u>	
		<u>41,780</u>

Total General Equipment Replacement Fund 41,780

Fire Equipment Replacement Fund

Turnout Gear	50,000	
Fire Hose and Nozzles	20,000	
Misc. Rescue Equipment	20,000	
Dodge Dakota 1	40,000	
Dodge Dakota 2	40,000	
Dodge Dakota 3	40,000	
Dodge Dakota 4	40,000	
Block Funding - Fire Department	<u>50,000</u>	
		<u>300,000</u>

Total Fire Equipment Replacement Fund 300,000

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Computer Equipment Replacement Fund

User Device Replacements	150,000	
Data Centre Infrastructure	<u>21,258</u>	
		<u>171,258</u>
Total Computer Equipment Replacement Fund		171,258

Engineering Equipment Replacement Fund

Pick-up Truck 1	45,000	
Tandem Axle Dump Truck 1	75,000	
Tandem Axle Dump Truck 2	250,000	
Mini Dump 1	120,000	
Mini Dump 2	130,000	
Mini Dump 3	120,000	
Utility Style	<u>100,000</u>	
		<u>840,000</u>
Total Engineering Equipment Replacement Fund		840,000

Local Area Service Reserve Fund

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

Transportation DCC Fund

New Sidewalks to Complete Pedestrian Network	148,500	
Bicycle Route Improvements	19,800	
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	59,400	
Traffic Signal at 3rd & St. David's	180,675	
Pedestrian and Roadway Lighting Implementation	74,250	
Moodyville Traffic Signals	301,950	
Casano Loutet Overpass	660,000	
Transportation Plan Update	<u>44,550</u>	
		<u>1,489,125</u>
Total Transportation DCC Fund		1,489,125

Parks DCC Fund

Provision for Park Acquisition	9,900,000	
1600 Eastern Avenue Park	<u>49,500</u>	
		<u>9,949,500</u>
Total Park DCC Fund		9,949,500

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Affordable Housing Reserve Fund

Affordable Housing - Potential Project	2,200,000		2,200,000
Total Affordable Housing Reserve Fund			2,200,000

Sustainable Transportation Reserve Fund

Transportation Plan Update	45,450		
Electric Vehicle Strategy Implementation	20,000		65,450
Total Sustainable Transportation Reserve Fund			65,450

Parking Reserve

Presentation House Public Parking Lot	120,000		
Total Parking Reserve Fund			120,000

Public Art Reserve Fund

Civic Public Art Program	85,000		
City Hall Fallen Tree Art Upgrade	50,000		135,000
Total Public Art Reserve Fund			135,000

Cemetery Reserve Fund

City Cemetery Program	100,000		
Total Cemetery Reserve Fund			100,000

Child Care Capital Improvement Fund

Child Care Capital Improvement Fund	9,323		
Total Child Care Capital Improvement Fund			9,323

Heritage Reserve Fund

Heritage Reserve Fund	89,559		
Total Heritage Reserve Fund			89,559

Carbon Fund

Living City Tree Planting Program	75,000		
Total Carbon Fund			75,000

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Environmental Stewardship Fund

Corporate Climate Action Implementation	150,000	
		150,000
Total Environmental Stewardship Fund		150,000

General Reserve

Land		
Provision for Park Acquisition	100,000	
		100,000

Buildings		
Harry Jerome Complex - Major Repairs	200,000	
Ops Centre Storage Site	2,213	
		202,213

Streets and Transportation		
Pavement Management: Streets and Lanes	1,514,654	
		1,514,654

Equipment		
Forklift	70,000	
		70,000

Block Funding - Other Projects		
School the City - CNV4ME	50,000	
Public Space Place-making Support - Project Funding	40,000	
Economic Partnership North Vancouver (Year 1 of 3 year commitment)	70,000	
Shipbuilders' Square and Public Realm Events	130,000	
Service Options for Lower Lonsdale	15,000	
COR (Certificate of Recognition)	110,600	
Strategic Planning	300,000	
		715,600

Total General Reserve 2,602,467

Total Funding From Reserves **53,820,208**

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Grants & Contributions

Land & Major Investments

Provision for External Funding and Contributions	15,000,000	
		15,000,000

Buildings

Maintenance & Replacement for Gerry Brewer Building	176,802	
		176,802

Streets and Transportation

Bicycle Route Improvements	10,000	
Transit Stop Improvements	20,000	
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	150,000	
Living City Tree Planting Program	5,000	
Casano Loutet Overpass	2,666,666	
Marine-Main Corridor Improvements	625,000	
Community Transportation Demand Management Program	15,000	
Safe Routes to Schools	9,400	
INSTPP Implementation (Previously known as North Shore Transportation Improvements)	100,000	
Great Streets - Corridor Studies	150,000	
		3,751,066

Parks

Chris Zuehlke Field Lighting	36,000	
		36,000

Equipment

IT Refresh	14,500	
Customer Survey Tool Replacement	68,000	
Perfect Mind Implementation: Integration Project	20,000	
Maintenance Work Order System Replacement	10,000	
Gerry Brewer Furniture	59,867	
		172,367

Vehicles

NVRC Maintenance Vehicles	48,000	
		48,000

Block Funding

Block Funding - Gerry Brewer Building	36,489	
Block Funding- Police Equipment	27,650	
Block Funding - Museum & Archives	10,000	
Corporate Climate Action Implementation	50,000	
Electric Vehicle Strategy Implementation	100,000	
		224,139

Total Grants & Contributions

19,408,373

TOTAL CITY AND EXTERNAL FUNDING

73,228,581

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
Lower Lonsdale				
Capital Maintenance	The Shipyards - Lot 3 Building Maintenance	160,000		160,000
Proposed New Projects	New Museum for NVMA	525,000		525,000
Proposed New Projects	Central Waterfront Public Realm	1,200,000		1,200,000
Proposed New Projects	Project Coordination and Oversight	433,000		433,000
Proposed New Projects	SeaBus Upgrades	250,000		250,000
Proposed New Projects	Lot 5 Development	310,000		310,000
Proposed New Projects	Lower Lonsdale Off-Leash Area	250,000		250,000
Proposed New Projects	Sidewalk Patios - Lower Lonsdale	50,000		50,000
Block Funding	Block Funding - Waterfront Asset Infrastructure	50,000		50,000
Other Projects	Shipbuilders' Square and Public Realm Events	130,000		130,000
Other Projects	Service Options for Lower Lonsdale	15,000		15,000
		3,373,000	-	3,373,000
Land / Major Investments				
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	2,200,000		2,200,000
Major Investments	Provision for External Funding and Contributions	15,000,000	15,000,000	-
Cemetery Land Investments	City Cemetery Program	100,000		100,000
		30,800,000	15,000,000	15,800,000
Harry Jerome Development				
Proposed New Projects	Harry Jerome Community Recreation Centre	14,547,370		14,547,370
Capital Maintenance	Harry Jerome Complex - Major Repairs	200,000		200,000
		14,747,370	-	14,747,370
Civic Centre				
Capital Maintenance	Maintenance & Replacement for Civic Centre	322,605		322,605
Capital Improvements	Civic Centre Minor Renovations	385,200		385,200
Capital Improvements	Civic Centre Accommodation Provision	250,000	-	250,000
Civic Public Art Program	City Hall Fallen Tree Art Upgrade	50,000		50,000
I.T. Equipment	User Device Replacements	150,000		150,000
I.T. Equipment	Data Centre Infrastructure	400,000		400,000
I.T. Equipment	Cyber Security	115,000		115,000
I.T. Equipment	automation	100,000		100,000
I.T. Equipment	Business Application Systems Analyst	92,253		92,253
I.T. Equipment	Engineering Business Process Owner	100,000		100,000
I.T. Equipment	CNV.ORG Refresh	50,000		50,000
I.T. Equipment	Council Report and Resolution Digital Archive	15,000		15,000
Vehicle Replacement	Pool Vehicle Replacement	55,000		55,000
New Proposed Project	Electric Vehicle Strategy Implementation	310,000	100,000	210,000
Block Funding	Block Funding - City Used Buildings	100,000		100,000
Block Funding	Block Funding - Community Services	10,000		10,000
Block Funding	Block Funding - Information Technology	100,000		100,000
		2,605,058	100,000	2,505,058

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
Engineering - City Yard & Equipment				
Capital Maintenance	Maintenance & Replacement for Operations Centre	80,785		80,785
Capital Improvements	Ops Centre Storage Site	65,000		65,000
Eng Vehicles Replacement	Forklift	70,000		70,000
Eng Vehicles Replacement	Pick-up Truck 1	45,000		45,000
Eng Vehicles Replacement	Tandem Axle Dump Truck 1	75,000		75,000
Eng Vehicles Replacement	Tandem Axle Dump Truck 2	250,000		250,000
Eng Vehicles Replacement	Mini Dump 1	120,000		120,000
Eng Vehicles Replacement	Mini Dump 2	130,000		130,000
Eng Vehicles Replacement	Mini Dump 3	120,000		120,000
Eng Vehicles Replacement	Utility Style	100,000		100,000
New Equipment	Parks Operation Supervisors Electric Pool Vehicle	50,000		50,000
Block Funding	Block Funding - Engineering Equipment	50,000		50,000
		1,155,785	-	1,155,785
Other Buildings / Facilities				
	Maintenance & Replacement for City Owned/Non-City Used Buildings	493,805		493,805
Capital Maintenance	Maintenance & Replacement for Parks Buildings	126,260		126,260
Block Funding	Block Funding - Non-City Used Buildings	100,000		100,000
Block Funding	Block Funding - Parks Infrastructure	75,000		75,000
Block Funding	Block Funding - Transportation	30,000		30,000
Capital Maintenance	Furniture and Equipment	133,750		133,750
Feasibility Study	Feasibility - 1555 Forbes	30,000		30,000
Proposed New Projects	719 West 2nd St Strategic Property Purchase 2015	198,779		198,779
Proposed New Projects	Presentation House Public Parking Lot	120,000		120,000
		1,307,594	-	1,307,594
Police				
Capital Maintenance	Maintenance & Replacement for Gerry Brewer Building	316,000	176,802	139,198
Capital Maintenance	Gerry Brewer Furniture	107,000	59,867	47,134
Block Funding	Block Funding- Police Equipment	50,000	27,650	22,350
Block Funding	Block Funding - Gerry Brewer Building	65,217	36,489	28,728
		538,217	300,807	237,410
Grants				
On-Going Programs	Heritage Reserve Fund	89,559		89,559
On-Going Programs	Child Care Capital Improvement Fund	9,323		9,323
		98,882	-	98,882
Other Projects				
Other Projects	School the City - CNV4ME	50,000		50,000
Other Projects	Public Space Place-making Support - Project Funding commitment)	40,000		40,000
Other Projects	Corporate Climate Action Implementation	70,000		70,000
Other Projects	COR (Certificate of Recognition)	200,000	50,000	150,000
Other Projects	Community Engagement	110,600		110,600
Other Projects	Strategic Planning	160,000		160,000
Other Projects		300,000		300,000
		930,600	50,000	880,600

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
Bylaws				
Vehicle Replacement	Bylaw Vehicles Replacement	45,000		45,000
		45,000	-	45,000
Fire & Rescue				
Capital Maintenance	Maintenance & Replacement for Fire Hall	133,215		133,215
Capital Improvement	Fire Hall Vestibule	15,000		15,000
Fire Equipment	Turnout Gear	50,000		50,000
Fire Equipment	Fire Hose and Nozzles	20,000		20,000
Fire Equipment	Misc. Rescue Equipment	20,000		20,000
Fire Vehicles Replacement	Dodge Dakota 1	40,000		40,000
Fire Vehicles Replacement	Dodge Dakota 2	40,000		40,000
Fire Vehicles Replacement	Dodge Dakota 3	40,000		40,000
Fire Vehicles Replacement	Dodge Dakota 4	40,000		40,000
Block Funding	Block Funding - Fire Department	50,000		50,000
		448,215	-	448,215
Recreation				
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	65,000		65,000
Capital Maintenance	John Braithwaite Community Centre	45,000		45,000
IT Equipment	IT Refresh	29,000	14,500	14,500
IT Equipment	Customer Survey Tool Replacement	102,000	68,000	34,000
IT Equipment	Perfect Mind Implementation: Integration Project	30,000	20,000	10,000
IT Equipment	Facility Desktop Hardware Refresh	21,000		21,000
IT Equipment	Maintenance Work Order System Replacement	15,000	10,000	5,000
Vehicle	NVRC Maintenance Vehicles	72,000	48,000	24,000
Block Funding	Block Funding - NVRC	75,000		75,000
Block Funding	NVRC Emergency Capital Replacement Fund	30,000		30,000
Recreation Equipment	NVRC Recreation Program Equipment	225,000		225,000
		814,000	160,500	653,500
Museum & Archives				
Block Funding	Block Funding - Museum & Archives	20,000	10,000	10,000
		20,000	10,000	10,000
Library				
Capital Maintenance	Maintenance & Replacement for Civic Library	83,460		83,460
IT Equipment	Technology Learning Centre Fit-Out	80,000		80,000
IT Equipment	Library Website Renewal	5,000		5,000
Block Funding	Block Funding - Library Equipment	20,000		20,000
General Equipment	LIB - RFID Security Gates Replacement	25,000		25,000
General Equipment	LIB - Sorter Bin Replacement	18,000		18,000
		231,460	-	231,460
Public Art				
Public Art	Civic Public Art Program	85,000		85,000
		85,000	-	85,000

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
STREETS AND TRANSPORTATION				
Pedestrian Improvements Program	Local Traffic Safety Improvements	40,000	-	40,000
Pedestrian Improvements Program	New Sidewalks to Complete Pedestrian Network	300,000		300,000
Pedestrian Improvements Program	Sidewalk Infill & Reconstruction	170,000		170,000
Cycling Improvements Program	Sutherland Trail	80,000		80,000
Cycling Improvements Program	Bicycle Route Improvements	50,000	10,000	40,000
Transit Improvement Program	Transit Stop Improvements	100,000	20,000	80,000
Multi-Modal Improvement Program	Greenways Wayfinding Program	20,000		20,000
Multi-Modal Improvement Program	Fell Avenue: Slope stability and Retaining Walls	50,000		50,000
Traffic Engineering Program	Traffic Signal System Upgrades	100,000		100,000
Traffic Engineering Program	Installation of Accessible Pedestrian Signal Units	35,000		35,000
Traffic Engineering Program	Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	270,000	150,000	120,000
Traffic Engineering Program	Traffic Signal at 3rd & St. David's	365,000		365,000
Traffic Engineering Program	Pedestrian and Roadway Lighting Implementation	150,000		150,000
Traffic Engineering Program	Street Light and Traffic Signal Aging Pole Replacement	50,000		50,000
Traffic Engineering Program	Pedestrian Scale Lighting Grand Boulevard Park	750,000		750,000
Traffic Engineering Program	City-Wide LED Streetlight upgrade	250,000		250,000
Traffic Engineering Program	Automated Traffic Counters	50,000		50,000
Traffic Engineering Program	Traffic Signal at East 13th St at St Andrew's Ave	300,000		300,000
Traffic Engineering Program	New Pedestrian Crossing Facilities	150,000		150,000
Traffic Engineering Program	Moodyville Traffic Signals	610,000		610,000
Public Realm and Streetscapes Program	Street Banner And Furnishing Program	45,000		45,000
Public Realm and Streetscapes Program	Living City Tree Planting Program	80,000	5,000	75,000
Major Projects	Casano Loutet Overpass	4,000,000	2,666,666	1,333,334
Major Projects	St. David's Avenue Greenway Connection	700,000		700,000
Major Projects	St. Andrews Bike Route - Esplanade to 24th St	100,000		100,000
Major Projects	Upper Levels Greenway - Lonsdale to Lynn Valley Road	40,000		40,000
Major Projects	Marine-Main Corridor Improvements	2,150,000	625,000	1,525,000
Pavement and Bridge Management	Traffic Signs and Pavement Markings	50,000		50,000
Pavement and Bridge Management	Bridge Rehabilitation	50,000		50,000
Pavement and Bridge Management	Pavement Management: Streets and Lanes	2,000,000		2,000,000
Pavement and Bridge Management	Pavement Condition Testing	25,000		25,000
Local Area Services	Provision for Local Area Services - City Share	500,000		500,000
Planning				
Proposed New Projects	Community Transportation Demand Management Program	85,000	15,000	70,000
Proposed New Projects	Transportation Plan Update	90,000		90,000
Safety/Pedestrian Program	Safe Routes to Schools	104,400	9,400	95,000
Proposed New Projects	INSTPP Implementation (Previously known as North Shore	200,000	100,000	100,000
Proposed New Projects	Transportation Improvements)	390,000	150,000	240,000
	Great Streets - Corridor Studies			
		14,499,400	3,751,066	10,748,334

**2019 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY LOCATION**

		Funding Request	External Funding	Total Funded by CNV
Parks & Environment				
Parks Specific location	Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000		100,000
Parks Specific location	Tempe Height Tennis Court Resurfacing	20,000		20,000
Parks Specific location	Greenwood Park Trail and Forest Restoration	250,000		250,000
Parks Specific location	Hammersley Park Improvements and Playground Replacement	50,000		50,000
Parks Specific location	1600 Eastern Avenue Park	100,000		100,000
Parks Specific location	New Harry Jerome Neighbourhood Lands Park	200,000		200,000
Parks Specific location	Chris Zuehlke Field Lighting	490,000	36,000	454,000
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	25,000		25,000
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	10,000		10,000
City Wide Programs	Parks Furnishings and Signage	35,000		35,000
City Wide Programs	Invasives Management and Forest Restoration	60,000		60,000
		1,529,000	36,000	1,493,000
TOTAL 2019 PROJECT PLAN		73,228,581	19,408,373	53,820,208

**2019 PROJECT PLAN
LAND AND MAJOR INVESTMENTS**

2019 LAND & MAJOR INVESTMENTS			SPRING 2019 FUNDING	2019 TSL FUND (Principal)	2019 PARK DCC FUND	2019 AFF HSING FUND	2019 CEMETERY FUND	2019 GENERAL RESERVE	TOTAL 2019 CITY FUNDING	2019 GRANTS & CONTRIB.	TOTAL ALLOCATED
ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED									
Various Land Acquisitions											
Strategic Land Acquisition	3,500,000	3,500,000	3,500,000	3,500,000					3,500,000		3,500,000
	3,500,000	3,500,000	3,500,000	3,500,000	-	-	-	-	3,500,000	-	3,500,000
Parks Acquisition - DCC Bylaw Commitment											
Provision for Park Acquisition	10,000,000	10,000,000	10,000,000		9,900,000			100,000	10,000,000		10,000,000
	10,000,000	10,000,000	10,000,000	-	9,900,000	-	-	100,000	10,000,000	-	10,000,000
Major Investments											
Affordable Housing - Potential Project	2,200,000	2,200,000	2,200,000			2,200,000			2,200,000		2,200,000
Provision for External Funding and Contributions	15,000,000	15,000,000	15,000,000						-	15,000,000	15,000,000
	17,200,000	17,200,000	17,200,000	-	-	2,200,000	-	-	2,200,000	15,000,000	17,200,000
Cemetery											
City Cemetery Program	100,000	100,000	100,000				100,000		100,000		100,000
	100,000	100,000	100,000	-	-	-	100,000	-	100,000	-	100,000
TOTAL	30,800,000	30,800,000	30,800,000	3,500,000	9,900,000	2,200,000	100,000	100,000	15,800,000	15,000,000	30,800,000

**2019 PROJECT BUDGET
BUILDINGS**

2019 BUILDINGS			2019	2019	2019	2019	2019	2019	2019	2019	2019	TOTAL	2019	TOTAL	
			SPRING 2019	ANNUAL	TSL	TSL	CIVIC AMEN.	GEN BLDG	JUST. ADMIN	PARKING	HERITAGE	GENERAL	2019 CITY	GRANTS &	TOTAL
			FUNDING	BUDGET	FUND Prin	FUND Int	FUND	FUND	FUND	FUND	RESERVE	RESERVE	FUNDING	CONTRIB.	ALLOCATED
ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL PROVIDED													
Capital Maintenance															
Maintenance & Replacement for Civic Centre	322,605	322,605	322,605	322,605									322,605		322,605
Maintenance & Replacement for Gerry Brewer Building	316,000	316,000	316,000	87,964					51,234				139,198	176,802	316,000
Maintenance & Replacement for Fire Hall	133,215	133,215	133,215	133,215									133,215		133,215
Maintenance & Replacement for City Owned/Non-City Used Buildings	493,805	493,805	493,805	373,805			120,000						493,805		493,805
Maintenance & Replacement for Parks Buildings	126,260	126,260	126,260	126,260									126,260		126,260
Maintenance & Replacement for Operations Centre	80,785	80,785	80,785	80,785									80,785		80,785
Maintenance & Replacement for Civic Library	83,460	83,460	83,460	83,460									83,460		83,460
The Shipyards - Lot 3 Building Maintenance	160,000	160,000	160,000	160,000									160,000		160,000
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	65,000	65,000	65,000	65,000									65,000		65,000
John Braithwaite Community Centre	45,000	45,000	45,000	45,000									45,000		45,000
	1,931,130	1,931,130	1,931,130	1,583,094	-	-	120,000	-	51,234	-	-	-	1,754,328	176,802	1,931,130
Major Renovation															
Harry Jerome Community Recreation Centre	14,547,370	14,547,370	14,547,370				14,547,370						14,547,370		14,547,370
Harry Jerome Complex - Major Repairs	200,000	200,000	200,000									200,000	200,000		200,000
	14,747,370	14,747,370	14,747,370	-	-	-	14,547,370	-	-	-	-	200,000	14,747,370	-	14,747,370
Proposed New Projects															
New Museum for NVMA	525,000	525,000	525,000				525,000						525,000		525,000
Central Waterfront Public Realm	1,200,000	1,200,000	1,200,000				1,200,000						1,200,000		1,200,000
Project Coordination and Oversight	433,000	433,000	433,000				433,000						433,000		433,000
SeaBus Upgrades	250,000	250,000	250,000				250,000						250,000		250,000
Lot 5 Development	310,000	310,000	310,000				310,000						310,000		310,000
Fire Hall Vestibule	15,000	15,000	15,000			15,000							15,000		15,000
Ops Centre Storage Site	65,000	65,000	65,000					62,787				2,213	65,000		65,000
Feasibility - 1555 Forbes	30,000	30,000	30,000			30,000							30,000		30,000
Civic Centre Minor Renovations	385,200	385,200	385,200			385,200							385,200		385,200
Civic Centre Accommodation Provision	250,000	250,000	250,000			250,000							250,000		250,000
719 West 2nd St Strategic Property Purchase 2015	198,779	198,779	198,779			198,779							198,779		198,779
Presentation House Public Parking Lot	120,000	120,000	120,000							120,000			120,000		120,000
Heritage Reserve Fund	89,559	89,559	89,559								89,559		89,559		89,559
	3,871,538	3,871,538	3,871,538	-	198,779	680,200	2,718,000	62,787	-	120,000	89,559	2,213	3,871,538	-	3,871,538
TOTAL	20,550,038	20,550,038	20,550,038	1,583,094	198,779	680,200	17,385,370	62,787	51,234	120,000	89,559	202,213	20,373,236	176,802	20,550,038

**2019 PROJECT BUDGET
STRUCTURES: TRANSPORTATION AND STREETS**

2019 TRANSPORTATION & STREETS			SPRING 2019 FUNDING	2019 ANNUAL BUDGET	2019 CIVIC AMEN. FUND	2019 INFRASTR. FUND	2019 LAS FUND	2019 TRANSP DCC FUND	2019 SUST. TRN. FUND	2019 CARBON FUND	2019 GENERAL RESERVE	TOTAL 2019 CITY FUNDING	2019 GRANTS & CONTRIB.	TOTAL ALLOCATED
ITEM DESCRIPTION	FUNDS REQUESTED	FUNDS PROVIDED												
Pedestrian Improvements Program														
Local Traffic Safety Improvements	40,000	40,000	40,000	40,000								40,000		40,000
New Sidewalks to Complete Pedestrian Network	300,000	300,000	300,000		151,500			148,500				300,000		300,000
Sidewalk Infill & Reconstruction	170,000	170,000	170,000	170,000								170,000		170,000
	510,000	510,000	510,000	210,000	151,500	-	-	148,500	-	-	-	510,000	-	510,000
Cycling Improvements Program														
Sutherland Trail	80,000	80,000	80,000		80,000							80,000		80,000
Bicycle Route Improvements	50,000	50,000	50,000		20,200			19,800				40,000	10,000	50,000
	130,000	130,000	130,000	-	100,200	-	-	19,800	-	-	-	120,000	10,000	130,000
Transit Improvement Program														
Transit Stop Improvements	100,000	100,000	100,000		80,000							80,000	20,000	100,000
	100,000	100,000	100,000	-	80,000	-	-	-	-	-	-	80,000	20,000	100,000
Multi-Modal Improvement Program														
Greenways Wayfinding Program	20,000	20,000	20,000		20,000							20,000		20,000
Fell Avenue: Slope stability and Retaining Walls	50,000	50,000	50,000	50,000								50,000		50,000
	70,000	70,000	70,000	50,000	20,000	-	-	-	-	-	-	70,000	-	70,000
Traffic Engineering Program														
Traffic Signal System Upgrades	100,000	100,000	100,000	100,000								100,000		100,000
Installation of Accessible Pedestrian Signal Units	35,000	35,000	35,000		35,000							35,000		35,000
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	270,000	270,000	270,000		60,600			59,400				120,000	150,000	270,000
Traffic Signal at 3rd & St. David's	365,000	365,000	365,000		184,325			180,675				365,000		365,000
Pedestrian and Roadway Lighting Implementation	150,000	150,000	150,000		75,750			74,250				150,000		150,000
Street Light and Traffic Signal Aging Pole Replacement	50,000	50,000	50,000	50,000								50,000		50,000
Pedestrian Scale Lighting Grand Boulevard Park	750,000	750,000	750,000		750,000							750,000		750,000
City-Wide LED Streetlight upgrade	250,000	250,000	250,000	250,000								250,000		250,000
Automated Traffic Counters	50,000	50,000	50,000	50,000								50,000		50,000
Traffic Signal at East 13th St at St Andrew's Ave	300,000	300,000	300,000		300,000							300,000		300,000
New Pedestrian Crossing Facilities	150,000	150,000	150,000		150,000							150,000		150,000
Moodyville Traffic Signals	610,000	610,000	610,000		308,050			301,950				610,000		610,000
	3,080,000	3,080,000	3,080,000	450,000	1,863,725	-	-	616,275	-	-	-	2,930,000	150,000	3,080,000

**2019 PROJECT BUDGET
STRUCTURES: TRANSPORTATION AND STREETS**

2019 TRANSPORTATION & STREETS			SPRING 2019 FUNDING	2019 ANNUAL BUDGET	2019 CIVIC AMEN. FUND	2019 INFRASTR. FUND	2019 LAS FUND	2019 TRANSP DCC FUND	2019 SUST. TRN. FUND	2019 CARBON FUND	2019 GENERAL RESERVE	TOTAL 2019 CITY FUNDING	2019 GRANTS & CONTRIB.	TOTAL ALLOCATED
ITEM DESCRIPTION	FUNDS REQUESTED	FUNDS PROVIDED												
Public Realm and Streetscapes Program														
Street Banner And Furnishing Program	45,000	45,000	45,000	45,000								45,000		45,000
Living City Tree Planting Program	80,000	80,000	80,000							75,000		75,000	5,000	80,000
Sidewalk Patios - Lower Lonsdale	50,000	50,000	50,000		50,000							50,000		50,000
		-	-									-		-
	175,000	175,000	175,000	45,000	50,000	-	-	-	-	75,000	-	170,000	5,000	175,000
Major Projects														
Casano Loutet Overpass	4,000,000	4,000,000	4,000,000		673,334			660,000				1,333,334	2,666,666	4,000,000
St. David's Avenue Greenway Connection	700,000	700,000	700,000		700,000							700,000		700,000
St. Andrews Bike Route - Esplanade to 24th St	100,000	100,000	100,000		100,000							100,000		100,000
Upper Levels Greenway - Lonsdale to Lynn Valley Road	40,000	40,000	40,000		40,000							40,000		40,000
Marine-Main Corridor Improvements	2,150,000	2,150,000	2,150,000		1,525,000							1,525,000	625,000	2,150,000
	6,990,000	6,990,000	6,990,000	-	3,038,334	-	-	660,000	-	-	-	3,698,334	3,291,666	6,990,000
Pavement and Bridge Management														
Traffic Signs and Pavement Markings	50,000	50,000	50,000	50,000								50,000		50,000
Bridge Rehabilitation	50,000	50,000	50,000	50,000								50,000		50,000
Pavement Management: Streets and Lanes	2,000,000	2,000,000	2,000,000			485,346				1,514,654		2,000,000		2,000,000
Pavement Condition Testing	25,000	25,000	25,000	25,000								25,000		25,000
		-	-									-		-
	2,125,000	2,125,000	2,125,000	125,000	-	485,346	-	-	-	-	1,514,654	2,125,000	-	2,125,000
Local Area Services														
Provision for Local Area Services - City Share	500,000	500,000	500,000				500,000					500,000		500,000
		-	-									-		-
	500,000	500,000	500,000	-	-	-	500,000	-	-	-	-	500,000	-	500,000
Planning														
Community Transportation Demand Management Program	85,000	85,000	85,000	70,000								70,000	15,000	85,000
Transportation Plan Update	90,000	90,000	90,000					44,550	45,450			90,000		90,000
Safe Routes to Schools	104,400	104,400	104,400	95,000								95,000	9,400	104,400
INSTPP Implementation (Previously known as North Shore Transportation Improvements)	200,000	200,000	200,000	100,000								100,000	100,000	200,000
Great Streets - Corridor Studies	390,000	390,000	390,000	240,000								240,000	150,000	390,000
	869,400	869,400	869,400	505,000	-	-	-	44,550	45,450	-	-	595,000	274,400	869,400
TOTAL	14,549,400	14,549,400	14,549,400	1,385,000	5,303,759	485,346	500,000	1,489,125	45,450	75,000	1,514,654	10,798,334	3,751,066	14,549,400

**2019 PROJECT BUDGET
STRUCTURES: PARKS AND ENVIRONMENT**

2019 PARKS & ENVIRONMENT			SPRING 2019 FUNDING	2019 ANNUAL BUDGET	2019 CIVIC AMENITY FUND	2019 PARK DCC FUND	TOTAL 2019 CITY FUNDING	2019 GRANTS & CONTRIB.	TOTAL ALLOCATED
ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED							
Park Specific									
Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000	100,000	100,000	100,000			100,000		100,000
Tempe Height Tennis Court Resurfacing	20,000	20,000	20,000	20,000			20,000		20,000
Lower Lonsdale Off-Leash Area	250,000	250,000	250,000		250,000		250,000		250,000
Greenwood Park Trail and Forest Restoration	250,000	250,000	250,000	250,000			250,000		250,000
Hammersley Park Improvements and Playground Replacement	50,000	50,000	50,000		50,000		50,000		50,000
1600 Eastern Avenue Park	100,000	100,000	100,000		50,500	49,500	100,000		100,000
New Harry Jerome Neighbourhood Lands Park	200,000	200,000	200,000		200,000		200,000		200,000
Chris Zuehlke Field Lighting	490,000	490,000	490,000		454,000		454,000	36,000	490,000
	1,460,000	1,460,000	1,460,000	370,000	1,004,500	49,500	1,424,000	36,000	1,460,000
City Wide Programs									
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	25,000	25,000	25,000	25,000			25,000		25,000
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	10,000	10,000	10,000	10,000			10,000		10,000
Parks Furnishings and Signage	35,000	35,000	35,000	35,000			35,000		35,000
Invasives Management and Forest Restoration	60,000	60,000	60,000	60,000			60,000		60,000
	319,000	319,000	319,000	319,000	-	-	319,000	-	319,000
TOTAL	1,779,000	1,779,000	1,779,000	689,000	1,004,500	49,500	1,743,000	36,000	1,779,000

**2019 PROJECT BUDGET
STRUCTURES: PUBLIC ART**

2019 PUBLIC ART			SPRING 20189 FUNDING	2019 ANNUAL BUDGET	2019 PUBLIC ART FUND	2019 GRANTS & CONTRIB.	TOTAL 2019 CITY FUNDING	TOTAL ALLOCATED
ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED						
Civic Public Art Program	85,000	85,000	85,000		85,000		85,000	85,000
City Hall Fallen Tree Art Upgrade	50,000	50,000	50,000		50,000		50,000	50,000
	135,000	135,000	135,000	-	135,000	-	135,000	135,000

**2019 PROJECT PLAN
VEHICLES**

2019 VEHICLES			SPRING 2019 FUNDING	2018 ANNUAL BUDGET	2019 TSL FUND	2019 FIRE EQUIP FUND	2019 ENG EQUIP FUND	2019 GRANTS & CONTRIB.	TOTAL 2019 CITY FUNDING	TOTAL ALLOCATED		
				(Interest)								
			TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED								
Engineering Vehicles Replacement												
UNIT #	YEAR	DESCRIPTION										
172	2005	Pick-up Truck 1	45,000	45,000	45,000		45,000		45,000	45,000		
152	2005	Tandem Axle Dump Truck 1	75,000	75,000	75,000		75,000		75,000	75,000		
153	2005	Tandem Axle Dump Truck 2	250,000	250,000	250,000		250,000		250,000	250,000		
168	2005	Mini Dump 1	120,000	120,000	120,000		120,000		120,000	120,000		
192	2005	Mini Dump 2	130,000	130,000	130,000		130,000		130,000	130,000		
191	2005	Mini Dump 3	120,000	120,000	120,000		120,000		120,000	120,000		
148	2005	Utility Style	100,000	100,000	100,000		100,000		100,000	100,000		
			-	-	-	-	-	-	-	-		
			840,000	840,000	840,000	-	840,000	-	840,000	840,000		
UNIT #	YEAR	DESCRIPTION										
new		Parks Operation Supervisors Electric Pool Vehicle	50,000	50,000	50,000		50,000		50,000	50,000		
			50,000	50,000	50,000	-	50,000	-	50,000	50,000		
UNIT #	YEAR	DESCRIPTION										
Pool		Pool Vehicle Replacement	55,000	55,000	55,000	55,000			55,000	55,000		
Bylaw		Bylaw Vehicles Replacement	45,000	45,000	45,000	45,000			45,000	45,000		
NVRC		NVRC Maintenance Vehicles	72,000	72,000	72,000	24,000		48,000	24,000	72,000		
			172,000	172,000	172,000	124,000	-	48,000	124,000	172,000		
Fire Vehicles Replacement												
UNIT #	YEAR	DESCRIPTION										
224	2004	Dodge Dakota 1	40,000	40,000	40,000		40,000		40,000	40,000		
223	2004	Dodge Dakota 2	40,000	40,000	40,000		40,000		40,000	40,000		
222	2004	Dodge Dakota 3	40,000	40,000	40,000		40,000		40,000	40,000		
227	2004	Dodge Dakota 4	40,000	40,000	40,000		40,000		40,000	40,000		
			160,000	160,000	160,000	-	160,000	-	160,000	160,000		
			-	-	-	-	-	-	-	-		
TOTAL			1,222,000	1,222,000	1,222,000	124,000	50,000	160,000	840,000	48,000	1,050,000	1,222,000

**2019 PROJECT PLAN
BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES**

2019 BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES			SPRING 2019 FUNDING	2019 ANNUAL BUDGET	2019 TSL FUND	2018 CIVIC AMEN. FUND	2019 GEN EQUIP FUND	2019 FIRE EQUIP FUND	2019 ENG EQUIP FUND	2019 SUST. TRN. FUND	2019 CHILD CARE CAP IMP	2019 E. STEWARDS FUND	2019 GENERAL RESERVE	TOTAL 2019 CITY FUNDING	2019 GRANTS & CONTRIB.	TOTAL ALLOCATED
ITEM DESCRIPTION	TOTAL FUNDS REQUESTED	TOTAL FUNDS PROVIDED														
Block Funding																
Block Funding - City Used Buildings	100,000	100,000	100,000	100,000										100,000		100,000
Block Funding - Non-City Used Buildings	100,000	100,000	100,000	100,000										100,000		100,000
Block Funding - Gerry Brewer Building	65,217	65,217	65,217	28,728										28,728	36,489	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	50,000	50,000	50,000					50,000						50,000		50,000
Block Funding- Police Equipment	50,000	50,000	50,000	22,350										22,350	27,650	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	75,000										75,000		75,000
NVRC Emergency Capital Replacement Fund	30,000	30,000	30,000	30,000										30,000		30,000
	825,217	825,217	825,217	701,078	-	-	-	50,000	-	-	-	-	-	751,078	74,139	825,217
On-Going Programs																
Child Care Capital Improvement Fund	9,323	9,323	9,323	-										9,323		9,323
	9,323	9,323	9,323	-	-	-	-	-	-	-	9,323	-	-	9,323	-	9,323

**2019 PROJECT PLAN
BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES**

2019 BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES	SPRING 2019 FUNDING	2019 ANNUAL BUDGET	2019 TSL FUND	2018 CIVIC AMEN. FUND	2019 GEN EQUIP FUND	2019 FIRE EQUIP FUND	2019 ENG EQUIP FUND	2019 SUST. TRN. FUND	2019 CHILD CARE CAP IMP	2019 E. STEWARDS FUND	2019 GENERAL RESERVE	TOTAL 2019 CITY FUNDING	2019 GRANTS & CONTRIB.	TOTAL ALLOCATED		
															(Interest)	
Other Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
School the City - CNV4ME	50,000	50,000	50,000								50,000	50,000		50,000		
Public Space Place-making Support - Project Funding Economic Partnership North Vancouver (Year 1 of 3 year commitment)	40,000	40,000	40,000								40,000	40,000		40,000		
Shipbuilders' Square and Public Realm Events	130,000	130,000	130,000								130,000	130,000		130,000		
Service Options for Lower Lonsdale Corporate Climate Action Implementation	15,000	15,000	15,000								15,000	15,000		15,000		
Electric Vehicle Strategy Implementation	200,000	200,000	200,000							150,000		150,000	50,000	200,000		
COR (Certificate of Recognition)	310,000	310,000	310,000	190,000				20,000				210,000	100,000	310,000		
Community Engagement	110,600	110,600	110,600								110,600	110,600		110,600		
Strategic Planning	160,000	160,000	160,000	160,000								160,000		160,000		
	300,000	300,000	300,000								300,000	300,000		300,000		
	1,385,600	1,385,600	1,385,600	160,000	-	190,000	-	-	20,000	-	150,000	715,600	1,235,600	150,000	1,385,600	
TOTAL	2,220,140	2,220,140	2,220,140	861,078	-	190,000	-	50,000	-	20,000	9,323	150,000	715,600	1,996,001	224,139	2,220,140
Total Equipment																
2019 Equipment	1,973,003	1,973,003	1,973,003	1,427,599	-	-	41,780	90,000	-	-	-	70,000	1,800,637	172,367	1,973,003	
2019 Vehicles	1,222,000	1,222,000	1,222,000	124,000	50,000	-	-	160,000	840,000	-	-	-	48,000	1,050,000	1,222,000	
2019 Block Funding, On-Going Programs, One time Studies	2,220,140	2,220,140	2,220,140	861,078	-	190,000	-	50,000	-	20,000	9,323	150,000	715,600	224,139	2,220,140	
	5,415,143	5,415,143	5,415,143	2,412,677	50,000	190,000	41,780	300,000	840,000	20,000	9,323	150,000	785,600	1,446,505	5,415,143	

Basic assumptions underlying the Plan include:

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

Forecast Assumptions

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

Contribution Assumptions

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

Structure of the Plan

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

Projects are grouped into ten categories as follows:

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

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

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

Project Types

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

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

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

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

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

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

10 Year Summary (Excluding Utilities)

Section	Base Program	Dedicated Funds	New Initiatives	Total
1 - Land & Major Investments	\$ -	\$ 33,500,000	\$ -	\$ 33,500,000
2 - Buildings	10,071,036	191,430,113	10,224,600	211,725,748
3 - Streets & Transportation	30,170,000	28,027,941	22,520,259	80,718,200
4 - Parks & Environment	11,051,000	1,930,500	16,823,500	29,805,000
5 - Public Art	-	900,000	-	900,000
6 - General Equipment	4,120,077	1,092,173	-	5,212,250
7 - IT Equipment	4,185,431	264,925	5,058,000	9,508,356
8 - Engineering Equipment	70,000	7,404,000	50,000	7,524,000
9 - Fire Equipment	6,010,000	-	-	6,010,000
10 - Block Funding, Ongoing Progr, Other Projects	7,437,856	1,303,637	2,612,600	11,354,093
TOTAL	\$ 73,115,399	\$ 265,853,289	\$ 57,288,959	\$ 396,257,647

2019 - 2028 PROJECT PLAN SUMMARY

	2019	2020	2021	2022	2023	2024-2028	TOTAL
LAND/MAJOR INVESTMENTS							
Funding Requested	30,800,000	300,000	300,000	300,000	300,000	\$1,500,000	\$33,500,000
City Funding	15,800,000	300,000	300,000	300,000	300,000	1,500,000	18,500,000
Contributions	15,000,000	-	-	-	-	-	15,000,000
Funded Amount	30,800,000	300,000	300,000	300,000	300,000	1,500,000	33,500,000
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BUILDINGS							
Funding Requested	\$ 20,550,038	\$ 161,144,090	\$ 4,479,435	\$ 16,493,560	\$ 5,735,545	\$3,323,080	\$211,725,748
City Funding	20,373,236	160,529,126	4,089,186	16,643,410	5,859,643	3,082,495	210,577,095
Contributions	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
Funded Amount	20,550,038	160,691,940	4,436,635	16,743,560	5,980,495	3,323,080	211,725,748
Funding Excess (Shortfall)	\$0	(\$452,150)	(\$42,800)	\$250,000	\$244,950	\$0	\$0
STRUCTURES							
Funding Requested	\$ 16,463,400	\$ 22,058,400	\$ 22,703,400	\$ 9,994,000	\$ 11,174,000	\$29,066,000	\$111,459,200
City Funding	12,676,334	12,253,550	15,679,000	9,404,450	11,809,000	28,616,000	90,438,334
Contributions	3,787,066	8,924,400	6,289,400	1,470,000	100,000	450,000	21,020,866
Funded Amount	16,463,400	21,177,950	21,968,400	10,874,450	11,909,000	29,066,000	111,459,200
Funding Excess (Shortfall)	\$0	(\$880,450)	(\$735,000)	\$880,450	\$735,000	\$0	\$0
EQUIPMENT							
Funding Requested	\$ 5,415,143	\$ 6,457,970	\$ 4,781,867	\$ 2,924,717	\$ 3,011,167	\$ 17,017,835	\$ 39,608,699
City Funding	4,970,638	4,017,820	3,544,617	4,448,552	4,168,079	16,057,583	37,207,287
Contributions	444,505	340,150	239,250	181,245	236,008	960,252	2,401,412
Funded Amount	5,415,143	4,357,970	3,783,867	4,629,797	4,404,087	17,017,835	39,608,699
Funding Excess (Shortfall)	\$0	(\$2,100,000)	(\$998,000)	\$1,705,080	\$1,392,920	\$0	\$0
GENERAL CAPITAL TOTALS							
FUNDING REQUESTED	\$ 73,228,581	\$ 189,960,460	\$ 32,264,702	\$ 29,712,277	\$ 20,220,712	\$ 50,906,915	\$ 396,293,647
CITY FUNDING	53,820,208	177,100,495	23,612,802	30,796,411	22,136,722	49,256,078	356,722,715
CONTRIBUTIONS	19,408,373	9,427,365	6,876,100	1,751,396	456,860	1,650,837	39,570,932
FUNDING EXCESS (SHORTFALL)	\$0	(\$3,432,600)	(\$1,775,800)	\$2,835,530	\$2,372,870	\$0	\$0
WATER UTILITY							
Funding Requested	\$ 3,767,000	\$ 2,441,000	\$ 2,841,000	\$ 3,216,000	\$ 3,731,000	\$ 19,110,000	\$ 35,106,000
City Funding	3,767,000	2,441,000	2,841,000	3,216,000	3,731,000	19,110,000	35,106,000
Contributions	-	-	-	-	-	-	-
Funded Amount	3,767,000	2,441,000	2,841,000	3,216,000	3,731,000	19,110,000	35,106,000
Unfunded	0	0	0	0	0	0	0
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SEWER UTILITY							
Funding Requested	\$ 1,347,000	\$ 1,182,500	\$ 1,399,000	\$ 1,675,500	\$ 1,952,000	\$ 11,255,000	\$ 18,811,000
City Funding	1,347,000	1,182,500	1,399,000	1,675,500	1,952,000	11,255,000	18,811,000
Contributions	-	-	-	-	-	-	-
Funded Amount	1,347,000	1,182,500	1,399,000	1,675,500	1,952,000	11,255,000	18,811,000
Unfunded	0	0	0	0	0	0	0
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DRAINAGE UTILITY							
Funding Requested	\$ 1,500,000	\$ 1,526,000	\$ 1,609,500	\$ 1,723,000	\$ 1,691,500	\$ 9,298,200	\$ 17,348,200
City Funding	1,500,000	1,526,000	1,609,500	1,723,000	1,691,500	9,298,200	17,348,200
Contributions	-	-	-	-	-	-	-
Funded Amount	1,500,000	1,526,000	1,609,500	1,723,000	1,691,500	9,298,200	17,348,200
Unfunded	0	0	0	0	0	0	0
Funding Excess (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
UTILITY CAPITAL TOTALS							
FUNDING REQUESTED	\$ 6,614,000	\$ 5,149,500	\$ 5,849,500	\$ 6,614,500	\$ 7,374,500	\$ 39,663,200	\$ 71,265,200
CITY FUNDING	6,614,000	5,149,500	5,849,500	6,614,500	7,374,500	39,663,200	71,265,200
CONTRIBUTIONS	-	-	-	-	-	-	-
FUNDING EXCESS (SHORTFALL)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS							
FUNDING REQUESTED	\$ 79,842,581	\$ 195,109,960	\$ 38,114,202	\$ 36,326,777	\$ 27,595,212	\$ 90,570,115	\$ 467,558,847
CITY FUNDING	60,434,208	182,249,995	29,462,302	37,410,911	29,511,222	88,919,278	427,987,915
CONTRIBUTIONS	19,408,373	9,427,365	6,876,100	1,751,396	456,860	1,650,837	39,570,932
FUNDING EXCESS (SHORTFALL)	\$0	(\$3,432,600)	(\$1,775,800)	\$2,835,530	\$2,372,870	\$0	\$0

**2019 - 2028 PROJECT PLAN
PROJECTS FUNDED MATCHED TO FUNDING SOURCES**

	2019	2020	2021	2022	2023	2024-2028	TOTAL
LAND & MAJOR INVESTMENTS - TAB 1							
Various Land Acquisitions	3,500,000	-	-	-	-	-	3,500,000
Parks Acquisition	10,000,000	-	-	-	-	-	10,000,000
Major Investments	17,200,000	200,000	200,000	200,000	200,000	1,000,000	19,000,000
Cemetery	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
Funding Requested	\$ 30,800,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000	\$ 33,500,000
City Funding Provided							
TSL Principal	3,500,000	-	-	-	-	-	3,500,000
Parks DCC Reserve	9,900,000	-	-	-	-	-	9,900,000
General Reserve	100,000	-	-	-	-	-	100,000
Affordable Housing Reserve	2,200,000	200,000	200,000	200,000	200,000	1,000,000	4,000,000
Cemetery Development Reserve	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
City Funding Provided	15,800,000	300,000	300,000	300,000	300,000	1,500,000	18,500,000
Contributions	15,000,000	-	-	-	-	-	15,000,000
Total Funding Provided	30,800,000	300,000	300,000	300,000	300,000	1,500,000	33,500,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BUILDINGS - TAB 2							
Capital Maintenance							
Funding Requested	\$ 1,931,130	\$ 1,846,610	\$ 1,854,635	\$ 970,660	\$ 694,795	\$ 3,323,080	\$ 10,620,910
City Funding Provided							
Annual Budget	1,583,094	799,719	1,507,186	870,510	573,943	3,082,495	8,416,946
TSL Interest	-	884,077	-	-	-	-	884,077
Justice Administration Building Reserve	51,234	-	-	-	-	-	51,234
Civic Amenity	120,000	-	-	-	-	-	120,000
City Funding Provided	1,754,328	1,683,796	1,507,186	870,510	573,943	3,082,495	9,472,257
Contributions	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
Total Funding Provided	1,931,130	1,846,610	1,854,635	970,660	694,795	3,323,080	10,620,910
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Major Renovation Requirements							
Funding Requested	\$ 14,747,370	\$ 157,475,330	\$ 2,407,000	\$ 15,437,200	\$ -	\$ -	\$ 190,066,900
City Funding Provided							
Annual Budget	-	200,000	-	-	-	-	200,000
Civic Amenity Fund	14,547,370	157,275,330	2,407,000	15,437,200	-	-	189,666,900
General Reserve	200,000	-	-	-	-	-	200,000
City Funding Provided	14,747,370	157,475,330	2,407,000	15,437,200	-	-	190,066,900
Contributions	-	-	-	-	-	-	-
Total Funding Provided	14,747,370	157,475,330	2,407,000	15,437,200	-	-	190,066,900
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed New Projects							
Funding Requested	3,871,538	1,822,150	217,800	85,700	5,040,750	-	11,037,938
City Funding Provided							
Annual Budget	-	-	-	-	4,000,000	-	4,000,000
Tax Sale Land Principal	198,779	-	-	-	-	-	198,779
TSL Interest	680,200	-	-	260,700	1,285,700	-	2,226,600
Civic Amenity Fund	2,718,000	1,345,000	175,000	75,000	-	-	4,313,000
General Building	62,787	-	-	-	-	-	62,787
Parking Reserve Fund	120,000	-	-	-	-	-	120,000
Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
General Reserve	2,213	25,000	-	-	-	-	27,213
City Funding Provided	3,871,538	1,370,000	175,000	335,700	5,285,700	-	11,037,938
Contributions	-	-	-	-	-	-	-
Total Funding Provided	3,871,538	1,370,000	175,000	335,700	5,285,700	-	11,037,938
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	-	(452,150)	(42,800)	250,000	\$244,950	\$0	\$0
TOTAL Buildings							
Requirements	\$ 20,550,038	\$ 161,144,090	\$ 4,479,435	\$ 16,493,560	\$ 5,735,545	\$ 3,323,080	\$ 211,725,748
City Funding Provided	20,373,236	160,529,126	4,089,186	16,643,410	5,859,643	3,082,495	210,577,095
Contributions	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	(\$452,150)	(\$42,800)	\$250,000	\$244,950	\$0	\$0

**2019 - 2028 PROJECT PLAN
PROJECTS FUNDED MATCHED TO FUNDING SOURCES**

	2019	2020	2021	2022	2023	2024-2028	TOTAL
STRUCTURES							
STREETS MASTER PLAN - TAB 3							
Funding Requested	\$ 14,549,400	\$ 17,849,400	\$ 18,399,400	\$ 6,675,000	\$ 4,115,000	\$ 19,130,000	\$ 80,718,200
City Funding Provided							
Annual Budget	1,385,000	2,202,762	2,615,708	3,140,000	2,560,000	13,136,250	25,039,720
TSL Interest	-	-	1,179,743	880,450	735,000	-	2,795,193
Civic Amenity Fund	5,303,759	4,101,250	4,918,950	1,398,950	670,150	2,060,050	18,453,109
Infrastructure Fund	485,346	460,000	460,000	200,000	200,000	1,000,000	2,805,346
LAS Fund	500,000	-	-	-	-	-	500,000
Transportation DCCs	1,489,125	663,300	1,381,050	391,050	509,850	2,108,700	6,543,075
Sustainable Transportation	45,450	100,000	182,981	-	-	-	328,431
Carbon Fund	75,000	75,000	186,260	75,000	75,000	375,000	861,260
General Reserve	1,514,654	442,238	450,308	-	-	-	2,407,200
City Funding Provided	10,798,334	8,044,550	11,375,000	6,085,450	4,750,000	18,680,000	59,733,334
Contributions	3,751,066	8,924,400	6,289,400	1,470,000	100,000	450,000	20,984,866
Total Funding Provided	14,549,400	16,968,950	17,664,400	7,555,450	4,850,000	19,130,000	80,718,200
Excess Funding (Shortfall)	\$0	(\$880,450)	(\$735,000)	\$880,450	\$735,000	\$0	\$0
PARKS MASTER PLAN- TAB 4							
Funding Requested	\$ 1,779,000	\$ 4,124,000	\$ 4,219,000	\$ 3,234,000	\$ 6,974,000	\$ 9,511,000	\$ 29,841,000
City Funding Provided							
Annual Budget	689,000	1,774,000	519,000	284,000	474,000	7,311,000	11,051,000
Civic Amenity Fund	1,004,500	1,681,750	2,487,250	2,950,000	6,500,000	2,200,000	16,823,500
Parks DCC Fund	49,500	668,250	1,212,750	-	-	-	1,930,500
City Funding Provided	1,743,000	4,124,000	4,219,000	3,234,000	6,974,000	9,511,000	29,805,000
Contributions	36,000	-	-	-	-	-	36,000
Total Funding Provided	1,779,000	4,124,000	4,219,000	3,234,000	6,974,000	9,511,000	29,841,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PUBLIC ART PROGRAM - TAB 5							
Funding Requested	\$ 135,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 900,000
City Funding Provided							
Public Art Fund	135,000	85,000	85,000	85,000	85,000	425,000	900,000
City Funding Provided	135,000	85,000	85,000	85,000	85,000	425,000	900,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	135,000	85,000	85,000	85,000	85,000	425,000	900,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL Structures							
Funding Required	\$ 16,463,400	\$22,058,400	\$22,703,400	\$9,994,000	\$11,174,000	\$29,066,000	\$ 111,459,200
Funding provided	12,676,334	12,253,550	15,679,000	9,404,450	11,809,000	28,616,000	90,438,334
Contributions	3,787,066	8,924,400	6,289,400	1,470,000	100,000	450,000	21,020,866
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	(\$880,450)	(\$735,000)	\$880,450	\$735,000	\$0	\$0

**2019 - 2028 PROJECT PLAN
PROJECTS FUNDED MATCHED TO FUNDING SOURCES**

	2019	2020	2021	2022	2023	2024-2028	TOTAL
EQUIPMENT							
GENERAL EQUIPMENT - TAB 6							
Funding Requested	\$ 695,750	\$ 452,000	\$ 576,950	\$ 509,000	\$ 540,950	\$ 2,437,600	\$ 5,212,250
City Funding Provided							
Annual Budget	546,104	358,564	405,304	409,969	383,906	1,960,242	4,064,087
General Equipment Fund	41,780	-	14,210	-	-	-	55,990
City Funding Provided	587,884	358,564	419,514	409,969	383,906	1,960,242	4,120,077
Contributions	107,867	93,437	157,437	99,032	157,045	477,358	1,092,173
Total Funding Provided	695,750	452,000	576,950	509,000	540,950	2,437,600	5,212,250
Unfunded	-	-	-	-	-	-	-
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
INFORMATION TECHNOLOGY - TAB 7							
Funding Requested	\$ 1,289,253	\$ 1,687,753	\$ 803,700	\$ 1,086,500	\$ 810,000	\$ 3,831,150	\$ 9,508,356
City Funding Provided							
Computer Equipment Fund	171,258	-	-	-	-	-	171,258
Annual Budget	1,005,495	575,503	228,350	2,168,750	805,500	3,720,575	8,504,173
TSL Interest	-	-	-	-	568,000	-	568,000
City Funding Provided	1,176,753	575,503	228,350	2,168,750	1,373,500	3,720,575	9,243,431
Contributions	112,500	22,250	7,350	7,750	4,500	110,575	264,925
Total Funding Provided	1,289,253	597,753	235,700	2,176,500	1,378,000	3,831,150	9,508,356
Excess Funding (Shortfall)	\$0	(\$1,090,000)	(\$568,000)	\$1,090,000	\$568,000	\$0	\$0
ENGINEERING EQUIPMENT - TAB 8							
Funding Requested	960,000	1,233,000	536,000	341,000	235,000	4,219,000	7,524,000
City Funding Provided							
Engineering Equipment Fund	840,000	1,233,000	536,000	341,000	235,000	4,219,000	7,404,000
General Reserve	70,000	-	-	-	-	-	70,000
TSLI	50,000	-	-	-	-	-	50,000
City Funding Provided	960,000	1,233,000	536,000	341,000	235,000	4,219,000	7,524,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	960,000	1,233,000	536,000	341,000	235,000	4,219,000	7,524,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	-
FIRE EQUIPMENT - TAB 9							
Funding Requested	\$ 250,000	\$ 1,030,000	\$ 1,490,000	\$ 195,000	\$ 590,000	\$ 2,455,000	\$ 6,010,000
Fire Equipment Fund	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
City Funding Provided	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
Contributions	-	-	-	-	-	-	-
Total Funding Provided	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
Excess Funding (Shortfall)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BLOCK FUNDING, ON-GOING PROGRAMS & OTHER PROJECTS - TAB 10							
Funding Requested	\$ 2,220,140	\$ 2,055,217	\$ 1,375,217	\$ 793,217	\$ 835,217	\$ 4,075,085	\$ 11,354,093
City Funding Provided							
Annual Budget	861,078	820,753	800,753	700,753	710,753	3,563,765	7,457,856
Tax Sale Land Interest	-	-	-	633,080	824,920	39,000	1,497,000
Environmental Stewardship Fund	150,000	-	-	-	-	-	150,000
Civic Amenity	190,000	-	-	-	-	-	190,000
Fire Equipment Fund	50,000	-	50,000	-	50,000	100,000	250,000
General Reserve Fund	715,600	-	20,000	-	-	-	735,600
Child Care Improv Fund	9,323	-	-	-	-	-	9,323
Sustainable Transportation	20,000	-	-	-	-	-	20,000
City Funding Provided	1,996,001	820,753	870,753	1,333,833	1,585,673	3,702,765	10,309,779
Contributions	224,139	224,464	74,464	74,464	74,464	372,320	1,044,314
Total Funding Provided	2,220,140	1,045,217	945,217	1,408,297	1,660,137	4,075,085	11,354,093
Excess Funding (Shortfall)	\$0	(\$1,010,000)	(\$430,000)	\$615,080	\$824,920	\$0	\$0
TOTAL Equipment							
Requested	\$ 5,415,143	\$ 6,457,970	\$ 4,781,867	\$ 2,924,717	\$ 3,011,167	\$17,017,835	\$39,608,699
City Funding provided	4,970,638	4,017,820	3,544,617	4,448,552	4,168,079	16,057,583	37,207,287
Contributions	444,505	340,150	239,250	181,245	236,008	960,252	2,401,412
Excess Funding (Shortfall)	\$0	(\$2,100,000)	(\$998,000)	\$1,705,080	\$1,392,920	(\$0)	\$0
TOTAL Requirements							
Land	30,800,000	300,000	300,000	300,000	300,000	1,500,000	33,500,000
Buildings	20,550,038	161,144,090	4,479,435	16,493,560	5,735,545	3,323,080	211,725,748
Structures	16,463,400	22,058,400	22,703,400	9,994,000	11,174,000	29,066,000	111,459,200
Equipment	5,415,143	6,457,970	4,781,867	2,924,717	3,011,167	17,017,835	39,608,699
	\$ 73,228,581	\$ 189,960,460	\$ 32,264,702	\$ 29,712,277	\$ 20,220,712	\$ 50,906,915	\$ 396,293,647

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

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
Various Land Acquisitions									
1 - 2	TSL Princ	Strategic Land Acquisition	3,500,000	-	-	-	-	-	3,500,000
			\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000
Parks Acquisition - DCC Bylaw Commitment									
1 - 3	Park DCC / Gen. Res.	Provision for Park Acquisition - DCC	10,000,000	-	-	-	-	-	10,000,000
			\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000
Major Investments									
1 - 4	Aff Hsing	Affordable Housing Reserve	2,200,000	200,000	200,000	200,000	200,000	1,000,000	4,000,000
	External	Provision for External Funding and Contributions	15,000,000					-	15,000,000
			\$ 17,200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 19,000,000
Cemetery									
1 - 5	Cemetery	City Cemetery Program	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ 1,000,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 30,800,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000	\$ 33,500,000
TOTAL CONTRIBUTIONS			\$ 15,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000
NET FUNDING REQUESTED			\$ 15,800,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000	\$ 18,500,000
Dedicated Funds									
Base Program									
External Funding									

**2019-2028 PROJECT PLAN
BUILDINGS**

	2019	2020	2021	2022	2023	2024-2028	Total
Summary of Building Projects							
FUNDING REQUESTED IN PROJECT SHEETS							
Capital Maintenance	1,931,130	1,846,610	1,854,635	970,660	694,795	3,323,080	10,620,910
Major Renovation	14,747,370	157,475,330	2,407,000	15,437,200	-	-	190,066,900
Proposed New Projects	3,871,538	1,822,150	217,800	85,700	5,040,750	-	11,037,938
TOTAL FUNDING REQUESTED	\$ 20,550,038	\$ 161,144,090	\$ 4,479,435	\$ 16,493,560	\$ 5,735,545	\$ 3,323,080	\$ 211,725,748
CONTRIBUTIONS							
Capital Maintenance	176,802	162,815	347,450	100,151	120,852	240,585	1,148,654
Major Renovation	-	-	-	-	-	-	-
Proposed New Projects	-	-	-	-	-	-	-
TOTAL CONTRIBUTIONS	\$ 176,802	\$ 162,815	\$ 347,450	\$ 100,151	\$ 120,852	\$ 240,585	\$ 1,148,654
NET FUNDING REQUESTED							
Capital Maintenance	1,754,328	1,683,796	1,507,186	870,510	573,943	3,082,495	9,472,257
Major Renovation	14,747,370	157,475,330	2,407,000	15,437,200	-	-	190,066,900
Proposed New Projects	3,871,538	1,822,150	217,800	85,700	5,040,750	-	11,037,938
TOTAL CITY FUNDING REQUESTED	\$ 20,373,236	\$ 160,981,276	\$ 4,131,986	\$ 16,393,410	\$ 5,614,693	\$ 3,082,495	\$ 210,577,095

**2019-2028 PROJECT PLAN
BUILDINGS**

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

**2019-2028 PROJECT PLAN
BUILDINGS**

Page	Funding Source	Proposed New Projects	2019	2020	2021	2022	2023	2024-2028	Total
			Library						
2 - 30		Library Staff Area Improvements	-	90,000	-	-	-	-	90,000
2 - 31	Civic Amenity	Library Functional Plan Implementation	-	175,000	175,000	75,000	-	-	425,000
			Museum and Archives						
2 - 32	Civic Amenity	New Museum for NVMA	525,000	-	-	-	-	-	525,000
			City						
2 - 33	Civic Amenity	Central Waterfront Public Realm	1,200,000	-	-	-	-	-	1,200,000
2 - 34	Civic Amenity	Project Coordination and Oversight	433,000	-	-	-	-	-	433,000
2 - 35	Civic Amenity	Lonsdale Quay Public Realm	-	420,000	-	-	-	-	420,000
2 - 36	Civic Amenity	SeaBus Upgrades	250,000	-	-	-	-	-	250,000
2 - 37	Civic Amenity	Lot 5 Development	310,000	-	-	-	-	-	310,000
2 - 38	General Reserve	Civic Centre Addition	-	25,000	-	-	3,000,000	-	3,025,000
2 - 39	TSLI	Fire Hall Vestibule	15,000	100,000	-	-	-	-	115,000
2 - 40	General Build.	Ops Centre Storage Site	65,000	-	-	-	-	-	65,000
2 - 41	TSLI	Feasibility - 1555 Forbes	30,000	-	-	-	-	-	30,000
2 - 42	TSLI	Civic Centre Minor Renovations	385,200	262,150	42,800	10,700	240,750	-	941,600
2 - 44	TSLI	Civic Centre Accommodation Provision	250,000	-	-	-	-	-	250,000
2 - 45	Annual Bud.	Replacement of City Hall Single Glazed Windows	-	-	-	-	1,800,000	-	1,800,000
2 - 46	Civic Amenity	Burrard Dry Dock Electrical Building	-	350,000	-	-	-	-	350,000
2 - 47	Civic Amenity	PGE Station Provision	-	400,000	-	-	-	-	400,000
2 - 48	TSL	719 West 2nd St Strategic Property Purchase 2015	198,779	-	-	-	-	-	198,779
2 - 49	Parking Res.	Presentation House Public Parking Lot	120,000	-	-	-	-	-	120,000
2 - 50	Heritage	Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
TOTAL REQUESTED IN PROJECT SHEETS			\$ 3,871,538	\$ 1,822,150	\$ 217,800	\$ 85,700	\$ 5,040,750	\$ -	\$ 11,037,938

CONTRIBUTIONS

NET FUNDING REQUESTED	\$ 3,871,538	\$ 1,822,150	\$ 217,800	\$ 85,700	\$ 5,040,750	\$ -	\$ 11,037,938
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Base Program
Dedicated Funds
New Initiatives
External Funds

**2019-2028 PROJECT PLAN
STRUCTURES SUMMARY**

	2019	2020	2021	2022	2023	2024-2028	Total
Summary of Structure Projects							
FUNDING REQUESTED IN PROJECT SHEETS							
Streets and Transportation	14,549,400	17,849,400	18,399,400	6,675,000	4,115,000	19,130,000	80,718,200
Parks	1,779,000	4,124,000	4,219,000	3,234,000	6,974,000	9,511,000	29,841,000
Public Art	135,000	85,000	85,000	85,000	85,000	425,000	900,000
TOTAL FUNDING REQUESTED	\$ 16,463,400	\$ 22,058,400	\$ 22,703,400	\$ 9,994,000	\$ 11,174,000	\$ 29,066,000	\$ 111,459,200
CONTRIBUTIONS							
Streets and Transportation	3,751,066	8,924,400	6,289,400	1,470,000	100,000	450,000	20,984,866
Parks	36,000	-	-	-	-	-	36,000
Public Art	-	-	-	-	-	-	-
TOTAL CONTRIBUTIONS	\$ 3,787,066	\$ 8,924,400	\$ 6,289,400	\$ 1,470,000	\$ 100,000	\$ 450,000	\$ 21,020,866
DCC FUNDING							
Streets and Transportation	1,489,125	663,300	1,381,050	391,050	509,850	2,108,700	6,543,075
Parks	49,500	668,250	1,212,750	-	-	-	1,930,500
Public Art	-	-	-	-	-	-	-
TOTAL DCC FUNDING	\$ 1,538,625	\$ 1,331,550	\$ 2,593,800	\$ 391,050	\$ 509,850	\$ 2,108,700	\$ 8,473,575
NET FUNDING REQUESTED							
Streets and Transportation	9,309,209	8,261,700	10,728,950	4,813,950	3,505,150	16,571,300	53,190,259
Parks	1,693,500	3,455,750	3,006,250	3,234,000	6,974,000	9,511,000	27,874,500
Public Art	135,000	85,000	85,000	85,000	85,000	425,000	900,000
TOTAL CITY FUNDING REQUESTED	\$ 11,137,709	\$ 11,802,450	\$ 13,820,200	\$ 8,132,950	\$ 10,564,150	\$ 26,507,300	\$ 81,964,759

**2019-2028 PROJECT PLAN
TRANSPORTATION AND STREETS**

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

**2019-2028 PROJECT PLAN
TRANSPORTATION AND STREETS**

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

**2019-2028 PROJECT PLAN
TRANSPORTATION AND STREETS**

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

Major Projects

3 - 48	Civic Amenity	Casano Loutet Overpass	673,334	232,300	-	-	-	-	905,634
3 - 48	External	Casano/Loutet Overpass - ROF	2,666,666	920,000	-	-	-	-	3,586,666
3 - 48	DCC	Casano Loutet Overpass - DCC	660,000	227,700	-	-	-	-	887,700
3 - 49	Civic Amenity	St. David's Avenue Greenway Connection	700,000	-	-	-	-	-	700,000
3 - 50	Civic Amenity	St. Andrews Bike Route - Esplanade to 24th St	100,000	400,000	-	-	-	-	500,000
3 - 51	Civic Amenity	Queensbury Avenue Greenway Connection	-	-	-	350,000	-	-	350,000
3 - 51	External	Queensbury Avenue Greenway Connection - ROF	-	-	-	650,000	-	-	650,000
3 - 52	TSLI / Sustain. Transp. / Carbon Fund	Marine Drive Bridge Replacement over Mackay Creek	-	-	1,010,000	-	-	-	1,010,000
3 - 52	External	Marine Drive Bridge Replacement over Mackay Creek - ROF	-	-	4,000,000	-	-	-	4,000,000
3 - 52	DCC	Marine Drive Bridge Replacement over Mackay Creek - DCC	-	-	990,000	-	-	-	990,000
3 - 53	Civic Amenity	Upper Levels Greenway - Lonsdale to Lynn Valley Road	40,000	-	350,000	-	-	-	390,000
3 - 53	External	Upper Levels Greenway - Lonsdale to Lynn Valley Road - ROF	-	-	700,000	-	-	-	700,000
3 - 54	Civic Amenity	Upper Levels Greenway - Lonsdale to Westview	-	-	-	350,000	-	-	350,000
3 - 54	External	Upper Levels Greenway - Lonsdale to Westview - ROF	-	-	-	700,000	-	-	700,000
3 - 55	Civic Amenity	Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th)	-	-	1,400,000	-	-	-	1,400,000
3 - 55	External	Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th) - ROF	-	-	400,000	-	-	-	400,000
3 - 56	Civic Amenity	Marine-Main Corridor Improvements	1,525,000	1,850,000	1,100,000	-	-	-	4,475,000
3 - 56	External	Marine-Main Corridor Improvements - ROF	625,000	7,750,000	1,100,000	-	-	-	9,475,000
Total - Major Projects			\$ 6,990,000	\$ 11,380,000	\$ 11,050,000	\$ 2,050,000	\$ -	\$ -	\$ 31,470,000

Pavement and Bridge Management

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

**2019-2028 PROJECT PLAN
TRANSPORTATION AND STREETS**

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
Local Area Services									
3 - 63	LAS	Provision for Local Area Services - City Share	500,000	-	-	-	-	-	500,000
Total - Local Area Services			\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
TOTAL FUNDING REQUESTED - ENGINEERING DEP			\$ 13,680,000	\$ 17,170,000	\$ 18,075,000	\$ 6,455,000	\$ 4,115,000	\$ 19,130,000	\$ 78,625,000
TOTAL CONTRIBUTIONS			\$ 3,476,666	\$ 8,750,000	\$ 6,280,000	\$ 1,470,000	\$ 100,000	\$ 450,000	\$ 20,526,666
TOTAL DCC STREETS AND TRANSPORTATION			\$ 1,444,575	\$ 618,750	\$ 1,381,050	\$ 391,050	\$ 509,850	\$ 2,108,700	\$ 6,453,975
NET FUNDING REQUESTED			\$ 8,758,759	\$ 7,801,250	\$ 10,413,950	\$ 4,593,950	\$ 3,505,150	\$ 16,571,300	\$ 51,644,359
Planning									
3 - 64	Annual Bud.	Community Transportation Demand Management Program	70,000	70,000	70,000	70,000	-	-	280,000
3 - 64	External	Community Transportation Demand Management Program	15,000	15,000	-	-	-	-	30,000
3 - 65	Sust. Transp.	Transportation Plan Update	45,450	45,450	-	-	-	-	90,900
3 - 65	DCC	Transportation Plan Update - DCC	44,550	44,550	-	-	-	-	89,100
3 - 66	Annual Bud.	Safe Routes to Schools	95,000	95,000	95,000	-	-	-	285,000
3 - 66	External	Safe Routes to Schools - ROF	9,400	9,400	9,400	-	-	-	28,200
3 - 67	Annual Bud.	INSTPP Implementation (Previously known as North Shore Transportation Improvements)	100,000	100,000	-	-	-	-	200,000
3 - 67	External	INSTPP Implementation (Previously known as North Shore Transportation Improvements) - ROF	100,000	50,000	-	-	-	-	150,000
3 - 68	Annual Bud.	Great Streets - Corridor Studies	240,000	150,000	150,000	150,000	-	-	690,000
3 - 68	External	Great Streets - Corridor Studies - ROF	150,000	100,000	-	-	-	-	250,000
Total - Planning			\$ 869,400	\$ 679,400	\$ 324,400	\$ 220,000	\$ -	\$ -	\$ 2,093,200
TOTAL FUNDING REQUEST - PLANNING DEP			\$ 869,400	\$ 679,400	\$ 324,400	\$ 220,000	\$ -	\$ -	\$ 2,093,200
TOTAL CONTRIBUTIONS			\$ 274,400	\$ 174,400	\$ 9,400	\$ -	\$ -	\$ -	\$ 458,200
TOTAL DCC STREETS AND TRANSPORTATION			\$ 44,550	\$ 44,550	\$ -	\$ -	\$ -	\$ -	\$ 89,100
NET FUNDING REQUESTED			\$ 550,450	\$ 460,450	\$ 315,000	\$ 220,000	\$ -	\$ -	\$ 1,545,900

**2019-2028 PROJECT PLAN
TRANSPORTATION AND STREETS**

Page Funding Source

	2019	2020	2021	2022	2023	2024-2028	Total
TOTAL FUNDING REQUEST IN PROJECT SHEETS	\$ 14,549,400	\$ 17,849,400	\$ 18,399,400	\$ 6,675,000	\$ 4,115,000	\$ 19,130,000	\$ 80,718,200
TOTAL CONTRIBUTIONS	\$ 3,751,066	\$ 8,924,400	\$ 6,289,400	\$ 1,470,000	\$ 100,000	\$ 450,000	\$ 20,984,866
TOTAL DCC STREETS AND TRANSPORTATION	\$ 1,489,125	\$ 663,300	\$ 1,381,050	\$ 391,050	\$ 509,850	\$ 2,108,700	\$ 6,543,075
NET FUNDING REQUESTED	\$ 9,309,209	\$ 8,261,700	\$ 10,728,950	\$ 4,813,950	\$ 3,505,150	\$ 16,571,300	\$ 53,190,259

- Base Program
- Dedicated Funds
- New Initiatives
- External Funds
- DCC Funds

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

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
Park Specific									
4 - 3	Ann. Budget	Lynnmouth Park Fencing, Trail and Habitat Restoration	100,000	-	-	-	-	-	100,000
4 - 4	Ann. Budget	Tempe Height Tennis Court Resurfacing	20,000	-	-	-	-	-	20,000
4 - 5	Civic Amenity	Lower Lonsdale Off-Leash Area	250,000	-	-	-	-	-	250,000
4 - 6	Ann. Budget	Greenwood Park Trail and Forest Restoration	250,000	250,000	-	-	-	-	500,000
4 - 7	Ann. Budget	Sutherland Field Turf Replacement	-	930,000	-	-	-	-	930,000
4 - 8	Civic Amenity	Hammersley Park Improvements and Playground Replacement	50,000	600,000	-	-	-	-	650,000
4 - 9	Civic Amenity	1600 Eastern Avenue Park	50,500	555,500	-	-	-	-	606,000
4 - 9	DCC	1600 Eastern Avenue Park - DCC	49,500	544,500	-	-	-	-	594,000
4 - 10	Civic Amenity	New Harry Jerome Neighbourhood Lands Park	200,000	-	-	200,000	6,100,000	-	6,500,000
4 - 11	Civic Amenity	Chris Zuehlke Field Lighting	454,000	-	-	-	-	-	454,000
4 - 11	External	Chris Zuehlke Field Lighting - ROF	36,000	-	-	-	-	-	36,000
4 - 12	Civic Amenity	Waterfront Park Master Plan & Implementation	-	126,250	2,386,250	2,500,000	-	-	5,012,500
4 - 12	DCC	Waterfront Park Master Plan & Implementation - DCC	-	123,750	1,113,750	-	-	-	1,237,500
4 - 13	Civic Amenity	Green Necklace Outdoor Fitness Equipment Stations	-	200,000	-	-	-	-	200,000
4 - 14	Ann. Budget	St. Andrews Park Infrastructure Replacement	-	275,000	-	-	-	-	275,000
4 - 15	Civic Amenity	Victoria Park Washroom	-	200,000	-	-	-	-	200,000
4 - 16	Civic Amenity	St. Andrews Park Washrooms	-	-	101,000	-	-	-	101,000
4 - 16	DCC	St. Andrews Park Washrooms - DCC	-	-	99,000	-	-	-	99,000
4 - 17	Ann. Budget	Mahon Park Playground and Spray Park Replacement	-	-	-	-	250,000	1,800,000	2,050,000
4 - 18	Civic Amenity	Sunrise Park Trail Improvements	-	-	-	250,000	-	-	250,000
4 - 19	Civic Amenity	Casano Park Trail & Habitat Improvements	-	-	-	-	400,000	-	400,000
4 - 20	Civic Amenity	Park Picnic Shelters	-	-	-	-	-	750,000	750,000
4 - 21	Civic Amenity	Gravel Sports Field Turf Conversion	-	-	-	-	-	1,200,000	1,200,000
4 - 22	Civic Amenity	High Place Park Development	-	-	-	-	-	250,000	250,000
4 - 23	Ann. Budget	Wagg Park Playground Replacement	-	-	-	-	-	650,000	650,000
4 - 24	Ann. Budget	Derek Inman Park Renovations	-	-	-	-	-	1,250,000	1,250,000
4 - 25	Ann. Budget	Confederation Field Turf Replacement	-	-	-	-	-	900,000	900,000
4 - 26	Ann. Budget	Tempe Heights Park Playground Replacement	-	-	-	-	-	650,000	650,000
4 - 27	Ann. Budget	Loutet Park Playground Replacement	-	-	-	-	-	650,000	650,000
4 - 28	Ann. Budget	Fen Burdett Turf Replacement	-	-	-	-	-	900,000	900,000
Total - Park Specific			\$ 1,460,000	\$ 3,805,000	\$ 3,700,000	\$ 2,950,000	\$ 6,750,000	\$ 9,000,000	\$ 27,665,000

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

Page	Funding Source		2019	2020	2021	2022	2023	2024-2028	Total
City Wide Programs									
4 - 29	Ann. Budget	Parks Master Plan Update	-	-	200,000	-	-	-	200,000
4 - 30	Ann. Budget	Irrigation System Upgrades	34,000	34,000	34,000	34,000	34,000	136,000	306,000
4 - 31	Ann. Budget	Chafer Beetle Turf Restoration	45,000	45,000	45,000	45,000	45,000	-	225,000
4 - 32	Ann. Budget	Wooden Bridge and Stair Replacement	25,000	25,000	25,000	25,000	25,000	-	125,000
4 - 33	Ann. Budget	Grass Sports Field Renovations	75,000	75,000	75,000	75,000	75,000	150,000	525,000
4 - 34	Ann. Budget	Play Equipment Replacement	35,000	35,000	35,000	-	-	-	105,000
4 - 35	Ann. Budget	Park & Greenways Trail Resurfacing	10,000	10,000	10,000	10,000	10,000	50,000	100,000
4 - 36	Ann. Budget	Parks Furnishings and Signage	35,000	35,000	35,000	35,000	35,000	175,000	350,000
4 - 37	Ann. Budget	Invasives Management and Forest Restoration	60,000	60,000	60,000	60,000	-	-	240,000
Total - City Wide Programs			\$ 319,000	\$ 319,000	\$ 519,000	\$ 284,000	\$ 224,000	\$ 511,000	\$ 2,176,000

TOTAL FUNDING REQUESTED IN PROJECT SHEETS	\$ 1,779,000	\$ 4,124,000	\$ 4,219,000	\$ 3,234,000	\$ 6,974,000	\$ 9,511,000	\$ 29,841,000
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TOTAL CONTRIBUTIONS	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000
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TOTAL CONTRIBUTIONS - DCC FUNDING	\$ 49,500	\$ 668,250	\$ 1,212,750	\$ -	\$ -	\$ -	\$ 1,930,500
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NET FUNDING REQUESTED	\$ 1,693,500	\$ 3,455,750	\$ 3,006,250	\$ 3,234,000	\$ 6,974,000	\$ 9,511,000	\$ 27,874,500
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Base Program
Dedicated Funds
New Initiatives
External Funds
DCC Funds

**2019-2028 PROJECT PLAN
PUBLIC ART**

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

**2019-2028 PROJECT PLAN
EQUIPMENT SUMMARY**

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

**2019-2028 PROJECT PLAN
GENERAL EQUIPMENT**

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

Base Program
Dedicated Funds
New Initiatives
External Funding

**2019-2028 PROJECT PLAN
INFORMATION TECHNOLOGY**

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

**2019-2028 PROJECT PLAN
INFORMATION TECHNOLOGY**

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

Base Program
Dedicated Funds
New Initiatives
External Funding

**2019-2028 PROJECT PLAN
ENGINEERING EQUIPMENT**

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

Base Program
Dedicated Funds
New Initiatives

**2019-2028 PROJECT PLAN
FIRE EQUIPMENT**

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

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

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

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

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

City of North Vancouver Engineering Department
10 Year - Capital Plan
2019 - 2028

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	2019	2020	2021	2022	2023	2024-2028	10 year Budget
Water	Ongoing Water Studies	Leak Detection, Record keeping/As Built	70,000	80,000	85,000	85,000	205,000	435,000	\$960,000
Identifier	Ongoing Capital Programs	Description							
Water	Ongoing City Wide Water Programs	Valve Refit, Cross Connection, Commercial Meters, PRV Renew, Hydrant Install, Sampling Sin., Meter Replacement, Connections, Connection Replacement, New Meters, Water Conserv.	720,000	755,000	800,000	800,000	820,000	4,245,000	\$8,140,000
Identifier	Equipment	Description							
Water	Yearly Water Equipment	Small tools and Equipment	6,000	6,000	6,000	6,000	6,000	30,000	\$60,000
Identifier	Capital Project Locations	Description							
W 1	2nd or 3rd Street Lonsdale to St Davids	New Utility connection to service growth.	2,192,500					-	\$2,192,500
W 2	BLOCK 100 E 21ST ST	Watermain replacement.	356,000					-	\$356,000
W 3	BLOCK 300 GLADSTONE AV	Watermain replacement.	132,400					-	\$132,400
W 4	BLOCK 400 GLADSTONE AV	Watermain replacement.	106,100					-	\$106,100
W 5	BLOCK 2100 ST GEORGES AVE	Watermain replacement.	184,000					-	\$184,000
W 6	Fell Avenue: Copping to West 3rd (incl. 100 Block)	Watermain replacement.		212,100	500,000			-	\$712,100
W 7	BLOCK 100 E 23RD ST	Watermain replacement.		450,400				-	\$450,400
W 8	BLOCK 200 E 23RD ST	Watermain replacement.		456,700				-	\$456,700
W 9	BLOCK 2200 ST ANDREWS AV	Watermain replacement.		165,700				-	\$165,700
W 10	BLOCK 2200 ST GEORGES AVE	Watermain replacement.		207,000				-	\$207,000
W 11	BLOCK 2500 JONES AV	Watermain replacement.			250,000			-	\$250,000
W 12	BLOCK 2600 JONES AV	Watermain replacement.			175,000			-	\$175,000
W 13	BLOCK 300 W 27TH ST	Watermain replacement.			380,000			-	\$380,000
W 14	BLOCK 200 W 27TH ST	Watermain replacement.			340,000			-	\$340,000
W 15	BLOCK 2500 ST ANDREWS AV	Watermain replacement.			145,000			-	\$145,000
W 16	BLOCK 2600 ST ANDREWS AV	Watermain replacement.			160,000			-	\$160,000
W 17	BLOCK 400 W 27TH ST	Watermain replacement.				365,000		-	\$365,000
W 18	BLOCK 100 W 27TH ST	Watermain replacement.				355,000		-	\$355,000
W 19	BLOCK 1700 WOLFE ST	Watermain replacement.				135,000		-	\$135,000
W 20	BLOCK 300 E 23RD ST	Watermain replacement.				350,000		-	\$350,000
W 21	BLOCK 600 FIR ST	Watermain replacement.				135,000		-	\$135,000
W 22	Donaghy Avenue: 1st to 3rd	Watermain upgrade for growth.				815,000		-	\$815,000
W 23	3rd Street - Donaughy to Hanes Avenue	Watermain replacement.				170,000		-	\$170,000
W 24	Lonsdale 19th to Highway 1 - 300 Main	New Utility connection to service growth.					660,000	-	\$660,000
W 25	BLOCK 100 W 3RD ST	Watermain replacement.					560,000	-	\$560,000
W 26	BLOCK 200 E 21ST ST	Watermain replacement.					380,000	-	\$380,000
W 27	BLOCK 200 W 3RD ST	Watermain replacement.					510,000	-	\$510,000
W 27	BLOCK 300 W 3RD ST	Watermain replacement.					370,000	-	\$370,000
W 28	Projects To Be Determined			108,100			220,000	14,400,000	\$14,728,100
		Projects Total:	\$2,971,000	\$1,600,000	\$1,950,000	\$2,325,000	\$2,700,000	14,400,000	\$25,946,000
		Studies, Programs, Equipment and Projects Total:	\$3,767,000	\$2,441,000	\$2,841,000	\$3,216,000	\$3,731,000	19,110,000	\$35,106,000

City of North Vancouver Engineering Department
 10 Year - Capital Plan
 2019 - 2028

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SEWERAGE COMPONENT
 Sewerage and Drainage Utility

Identifier	Studies	Description	2019	2020	2021	2022	2023	2024-2028	10 year Budget
Sewerage	Ongoing Sanitary Studies	Sanitary Model Update, Record Keeping/As Built Project	120,000	145,000	150,000	150,000	150,000	745,000	\$1,460,000
Identifier	Ongoing Capital Programs	Description							
Sewerage	Ongoing City Wide Sewerage Programs	Spot Repairs, Manhole Upgrading, Mainline Grouting IC & Connection Rehabilitation	230,000	282,500	513,000	789,500	1,066,000	6,750,000	\$9,631,000
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	W. 13th Street: Lonsdale to W. 8th	Sanitary sewer replacement.	250,000					-	\$250,000
SE 2	Dawson Road	New sewer main.	75,000					-	\$75,000
SE 3	Larson Crescent	Sanitary sewer replacement.	60,000					-	\$60,000
SE 4	St. David's: E. 1st to E. 3rd	Sewer main upgrade to accommodate growth.	306,000	306,000				-	\$612,000
SE 5	Pump Station Upgrades	Pump Station Upgrades	50,000			50,000	250,000	890,000	\$1,240,000
SE 6	Sewermain Relining	Sewer Main Rehab.	165,000		350,000	165,000		1,115,500	\$1,795,500
SE 7	Capital Plan and Asset Management Plan Update	Capital Plan and Asset Management Plan Update	65,000					-	\$65,000
SE 8	Sanitary Pump Station Predesign	Sanitary Pump Station Predesign	20,000					-	\$20,000
SE 9	13th Street - 300 & 400 Block West	Sewer main upgrade to accommodate growth.				175,000	175,000	-	\$350,000
SE 10	Queensbury Avenue: 2nd to 4th	Sewer main upgrade to accommodate growth.						238,000	\$238,000
SE 11	Esplanade - 300 Block East	Sewer main upgrade to accommodate growth.						161,500	\$161,500
SE 12	East 2nd - Lonsdale to St Andrews	Sewer main upgrade to accommodate growth.						527,000	\$527,000
SE 13	700 Block East 14th	Sanitary Sewer Capacity Improvements						300,000	\$300,000
SE 14	300 Block East 10th	Sanitary Sewer Capacity Improvements						200,000	\$200,000
SE 15	700 Block St Andrews	Sanitary Sewer Capacity Improvements						200,000	\$200,000
SE 22	Projects To Be Determined			443,000	380,000	340,000	305,000	98,000	\$1,566,000
Projects Total:			\$991,000	\$749,000	\$730,000	\$730,000	\$730,000	\$3,730,000	\$7,660,000
Studies, Programs, Equipment and Projects Total:			\$1,347,000	\$1,182,500	\$1,399,000	\$1,675,500	\$1,952,000	\$11,255,000	\$18,811,000

City of North Vancouver Engineering Department
10 Year - Capital Plan
2019 - 2028

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DRAINAGE COMPONENT
Sewerage and Drainage Utility

Identifier	Studies	Description	2019	2020	2021	2022	2023	2024-2028	10 year Budget
Drainage	Ongoing Studies	Integrated Storm Water Management Plan Record Keeping/ As Built Project	135,000	195,000	205,000	245,000	140,000	850,000	\$1,770,000
Identifier	Ongoing Capital Programs	Description							
Drainage	Ongoing City Wide Drainage Programs	Catch Basin Replacement, Connections, Storm Main Infills Back of Walk Replacements	465,000	390,000	442,500	495,000	547,500	3,112,000	\$5,452,000
Identifier	Equipment	Description							
Sew/Drge	Yearly Sewerage/Drainage Equipment	*In Sewerage Utility						-	\$0
Identifier	Capital Project Locations	Description							
D 1	Infil Program		400,000	350,000	350,000	350,000	400,000	910,000	\$2,760,000
D 2	St. David's - Alder to 3rd	Storm sewer replacement.	350,000					-	\$350,000
D 3	Moody - 3rd to 4th with Portion on 4th	Storm sewer replacement.	150,000		260,000			-	\$410,000
D 4	Ridgeway 2nd to 4th	Main Extension and Renewal.		325,000				-	\$325,000
D 5	7th Street - Queensbury to Hendry:	Provide new storm sewer		150,000	225,000			1,000,000	\$1,375,000
D 6	Queensbury - 3rd to Keith:	Provide new storm sewer				365,000		-	\$365,000
D 7	Lane north of 6th Street - Queensbury to Hendry	Provide new storm sewer				150,000	150,000	270,000	\$570,000
D 8	Keith Road - 100 Block West:	Flow Bypass Lonsdale Relief					325,000	-	\$325,000
D 9	6th Street - Queensbury to Hendry	Provide new storm sewer						550,000	\$550,000
D 10	Lane north of 4th Street - Queensbury to Hendry	Provide new storm sewer						450,000	\$450,000
D 11	Lane north of 5th Street - Queensbury to Hendry	Provide new storm sewer						470,000	\$470,000
D 12	4th Street - Queensbury to Hendry	Provide new storm sewer						1,000,000	\$1,000,000
D 13	24th Street - 300 Block East	Provide new storm sewer							\$0
D 14	Cumberland Crescent	Provide new storm sewer							\$0
D 15	Projects To Be Determined			116,000	127,000	118,000	129,000		\$490,000

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

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

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

	2019	2020	2021	2022	2023	2024-2028	Total
Tax Levy	\$ 9,953,800	10,453,800	10,953,800	11,453,800	11,953,800	\$ 67,269,000	\$ 122,038,000
Total Available	\$ 9,953,800	10,453,800	10,953,800	11,453,800	11,953,800	\$ 67,269,000	\$ 122,038,000
Allocated to :							
Tax Sale Land						-	-
Civic Amenity	2,600,000	2,600,000	2,600,000	2,600,000		-	10,400,000
General Building						-	-
General Equipment						-	-
Fire Equipment	350,000	385,000	1,540,000	350,000	480,000	2,525,000	5,630,000
Computer Equipment						-	-
General Reserve	1,258,929	500,000	500,000			-	2,258,929
Public Art	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Affordable Housing						-	-
Sustainable Transportation	87,500	87,500	87,500	87,500	87,500	437,500	875,000
Carbon Fund	65,000	65,000	65,000	65,000	65,000	325,001	650,001
Total to Reserves	4,446,429	3,722,500	4,877,500	3,187,500	717,500	3,712,501	20,663,930
Transfer to Annual Budget	\$ 5,507,371	6,731,300	\$ 6,076,300	\$ 8,266,300	\$ 11,236,300	\$ 74,792,799	\$ 101,374,070

ANNUAL BUDGET - Direct Transfer to Capital

	2019	2020	2021	2022	2023	2024-2028	Total
Closed Projects	\$ 5,507,371	6,731,300	\$ 6,076,300	\$ 8,266,300	\$ 11,236,300	63,556,499	101,374,070
Available Balance	\$ 6,069,771	6,731,300	\$ 6,076,300	\$ 8,266,300	\$ 11,236,300	\$ 63,556,499	\$ 101,936,470
Withdrawals							
Base							
Buildings							
Capital Maintenance	1,583,094	799,719	1,507,186	870,510	573,943	3,082,495	8,416,946
Replacement of City Hall Single Glazed Windows	-	-	-	-	1,800,000	-	1,800,000
Civic Centre Addition					2,200,000	-	2,200,000
Harry Jerome Complex - Major Repairs		200,000	-	-	-	-	200,000
Structures							
Traffic & Transportation							
Local Traffic Safety Improvements	40,000			40,000	45,000	225,000	350,000
City Transit Shelter Program	-	-	-	40,000	20,000	60,000	120,000
Fell Avenue: Slope stability and Retaining Walls	50,000	250,000	500,000	-	-	-	800,000
Sidewalk Infill & Reconstruction	170,000	170,000	420,000	170,000	170,000	850,000	1,950,000
Traffic Signs and Pavement Markings	50,000	50,000	50,000	55,000	55,000	275,000	535,000
Bridge Rehabilitation	50,000	50,000	50,000	50,000	50,000	250,000	500,000
Street Banner And Furnishing Program	45,000	10,000	45,000	10,000	45,000	120,000	275,000
200 East 2nd Street - Parking & Streetscape improvements	-	-	-	-	-	50,500	50,500
100 East 2nd Street - Parking & Streetscape Improvements	-	-	-	-	-	227,250	227,250
100 East 1st Street - Streetscape Improvements	-	-	-	-	-	353,500	353,500
Safe Routes to Schools	95,000					-	95,000
INSTPP Implementation (Previously known as North Shore Transportation Improvements)							
Transportation Improvements	100,000	-	-	-	-	-	100,000
Great Streets - Corridor Studies	240,000			150,000	-	-	390,000
Pavement Condition Testing	25,000	25,000	75,000	25,000	25,000	225,000	400,000
Community Transportation Demand Management Program	70,000			70,000	-	-	140,000
Traffic Signal System Upgrades	100,000	300,000	300,000	300,000	300,000	1,300,000	2,600,000
Traffic Signal Pre-Emption for Fire Emergency Vehicles	-			80,000	-	-	80,000
Traffic Signal LED Replacement	-		300,000	-	-	-	300,000
Street Light and Traffic Signal Aging Pole Replacement	50,000	250,000	250,000	50,000	50,000	200,000	850,000
City-Wide LED Streetlight upgrade	250,000			250,000	-	-	500,000
Automated Traffic Counters	50,000			50,000	-	-	100,000
Pavement Management: Streets and Lanes		1,097,762	625,708	1,800,000	1,800,000	9,000,000	14,323,470
Parks & Environment							
City Wide Programs	319,000	319,000	519,000	284,000	224,000	511,000	2,176,000
Replacements and Restoration Projects	370,000	1,455,000	-	-	250,000	6,800,000	8,875,000
Equipment							
Over \$10,000							
General	546,104	358,564	405,304	409,969	383,906	1,960,242	4,064,087
IT	1,005,495	425,503	78,350	928,750	655,500	2,970,575	6,064,173
User Device Replacements	-	150,000	150,000	150,000	150,000	750,000	1,350,000
Bylaw							
Block Funding							
One-time studies/projects							
Ongoing Programs	701,078	700,753	680,753	700,753	710,753	3,563,765	7,057,856
School the City - CNV4ME		50,000	50,000	-	-	-	100,000
Economic Partnership North Vancouver (Year 1 of 3 year commitment)		70,000	70,000	-	-	-	140,000
Community Engagement	160,000						160,000
Total Expended	\$ 6,069,771	\$ 6,731,300	\$ 6,076,300	\$ 6,483,981	\$ 9,508,102	\$ 32,774,328	\$ 67,643,781
Closing Balance	\$ -	\$ (0)	\$ (0)	\$ 1,782,319	\$ 1,728,198	\$ 30,782,171	\$ 34,292,688

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

TAX SALE LAND Principal

The Tax Sale Lands Fund is made up of the proceeds of sale of all lands sold by the City which originally became City property 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.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance (unappropriated)	\$ 31,417,112	27,966,293	\$ 51,105,693	\$ 93,503,443	\$ 93,553,443	\$ 93,603,443	\$ 31,417,112
2019 Lease W 2nd	\$ 7,960.00						7,960
2018 Closed Projects & Expired Funding	\$ 190,000.00						190,000
Loan repayments:							
-AT Field User Fee rpmt	50,000	50,000	50,000	50,000	50,000	250,000	500,000
Proceeds of Sale:							
-Land Sales - LL		68,000,000	-				68,000,000
-Land Sales - other		-	22,347,750				22,347,750
Loans/Transfers							
-Transfer to CAF		(20,000,000)	20,000,000				-
-Land Sale		(25,590,600)					(25,590,600)
-Transfer to Public Art		680,000					680,000
Available Balance	\$ 31,665,072	\$ 51,105,693	\$ 93,503,443	\$ 93,553,443	\$ 93,603,443	\$ 93,853,443	\$ 97,552,222
-Purchases							
Strategic Land Purchase	3,500,000						3,500,000
Other Sites	-						-
-Other Withdrawals - Capital Funding							
719 West 2nd St Strategic Property Purchase 2015	198,779						198,779
	198,779						198,779
Total Expenditures	\$ 3,698,779	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,698,779
Closing Balance	\$ 27,966,293	\$ 51,105,693	\$ 93,503,443	\$ 93,553,443	\$ 93,603,443	\$ 93,853,443	\$ 93,853,443

TAX SALE LANDS interest

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 1,765,481	890,751	\$ 1,186,417	\$ 2,169,137	\$ 2,805,853	\$ 14,051,766	\$ 22,869,406
Completed Projects							-
Available Balance	1,765,481	890,751	1,186,417	2,169,137	2,805,853	14,051,766	22,869,406
Withdrawals							
Marine Drive Bridge Replacement over Mackay Creek	-	-	715,759	-	-	-	715,759
Pavement Management: Streets and Lanes	-	-	463,984	-	-	-	463,984
	-	-	1,179,743	-	-	-	1,179,743
Buildings							
Civic Centre Addition	-		-	-	800,000	-	800,000
Capital Maintenance		884,077					884,077
Library Staff Area Improvements							-
Fire Hall Vestibule	15,000						15,000
Feasibility - 1555 Forbes	30,000						30,000
Civic Centre Minor Renovations	385,200			10,700	240,750		636,650
Civic Centre Accommodation Provision	250,000						250,000
	680,200	884,077	-	10,700	1,040,750	-	2,615,727
Block Funding							
Block Funding - Fire Department							-
Public Space Place-making Support - Project Funding							-
COR (Certificate of Recognition)				18,000	-	39,000	57,000
	-	-	-	18,000	-	39,000	57,000
Equipment							
Parks Operation Supervisors Electric Pool Vehicle	50,000						50,000
	50,000						50,000
Total Expended	\$ 730,200	\$ 884,077	\$ 1,179,743	\$ 28,700	\$ 1,040,750	\$ 39,000	\$ 3,902,470
Closing Balance	\$ 1,035,281	\$ 6,674	\$ 6,674	\$ 2,140,437	\$ 1,765,103	\$ 14,012,766	\$ 18,966,936

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

CIVIC AMENITY

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

	2019	2020	2021	2022	2023	2024-2028	Total
	\$ 21,658,145	\$ 53,453,187	\$ 38,216,106	\$ 112,166,588	\$ 100,878,651	\$ 63,895,009	\$ 21,658,145
Opening Balance							
Contributions:							
- Amenity Levy	2,600,000	2,600,000	2,600,000	2,600,000	-	-	10,400,000
- CAC estimate		3,000,000	3,000,000	3,000,000	3,000,000	15,000,000	27,000,000
- Land sales - Lower Lonsdale			7,449,250				7,449,250
- Centennial Seat Surcharge	35,000	35,000	35,000	35,000	35,000	175,000	350,000
- West 23rd		1,680,000					1,680,000
- Wall Phase 1	1,040,000						1,040,000
- Northmount Medical		5,147,558					5,147,558
Land lease - HJNL	50,441,248		87,587,444		55,290,488		193,319,180
Transfer from TSL		20,000,000	(20,000,000)				
MFA debt		90,000,000			(90,000,000)		
Land Sale		25,590,600					25,590,600
Interest for the year	1,562,423	1,113,090	3,266,988	2,938,213	1,861,020	11,056,858	21,798,592
Available Balance	\$ 77,336,816	\$ 202,619,436	\$ 122,154,788	\$ 120,739,801	\$ 71,065,159	\$ 90,126,868	\$ 315,433,326
Withdrawals							
Harry Jerome Community Recreation Centre	14,547,370	157,275,330	2,407,000	15,437,200			189,666,900
Buildings							
Library Functional Plan Implementation		175,000	175,000	75,000			425,000
New Museum for NVMA	525,000						525,000
Central Waterfront Public Realm	1,200,000						1,200,000
Project Coordination and Oversight	433,000						433,000
Lonsdale Quay Public Realm		420,000					420,000
SeaBus Upgrades	250,000						250,000
Lot 5 Development	310,000						310,000
Burrard Dry Dock Electrical Building		350,000					350,000
PGE Station Provision		400,000					400,000
1225 Heywood * sunrise park	120,000						120,000
Parks							
Lower Lonsdale Off-Leash Area	250,000						250,000
Hammersley Park Improvements and Playground Replacement	50,000	600,000					650,000
1600 Eastern Avenue Park	50,500	555,500					606,000
New Harry Jerome Neighbourhood Lands Park	200,000			200,000	6,100,000		6,500,000
Chris Zuehlke Field Lighting	454,000						454,000
Waterfront Park Master Plan & Implementation		126,250	2,386,250	2,500,000			5,012,500
Green Necklace Outdoor Fitness Equipment Stations		200,000					200,000
Victoria Park Washroom		200,000					200,000
St. Andrews Park Washrooms			101,000				101,000
Sunrise Park Trail Improvements				250,000			250,000
Casano Park Trail & Habitat Improvements					400,000		400,000
Park Picnic Shelters						750,000	750,000
Gravel Sports Field Turf Conversion						1,200,000	1,200,000
High Place Park Development						250,000	250,000
Streets and Transportation							
New Sidewalks to Complete Pedestrian Network	151,500	151,500	151,500	151,500	151,500	757,500	1,515,000
Greenways Wayfinding Program	20,000	20,000	20,000			20,000	80,000
Road Multi-Modal Corridor Improvements, East Grand to Brooksbank			300,000				300,000
Semisch Greenway (W3rd to Semisch Park)		100,000	300,000				400,000
Pedestrian Scale Lighting Grand Boulevard Park	750,000						750,000
Moodyville Traffic Signals	308,050				121,200		429,250
Traffic Signal at 3rd & St. David's	184,325						184,325
Sutherland Trail	80,000						80,000
Bicycle Route Improvements	20,200	20,200	20,200	20,200	20,200	80,800	181,800
East 13th Street Cycling Infrastructure			300,000				300,000
Covered Bike Shelter & Secured Bike Parking				25,000	50,000	90,000	165,000
Lynn Valley Interchange Northbound Transportation Improvements		100,000	300,000				400,000
Casano Loutet Overpass	673,334	232,300					905,634
St. David's Avenue Greenway Connection	700,000						700,000
St. Andrews Bike Route - Esplanade to 24th St	100,000	400,000					500,000
Queensbury Avenue Greenway Connection				350,000			350,000
Upper Levels Greenway - Lonsdale to Lynn Valley Road	40,000		350,000				390,000
Upper Levels Greenway - Lonsdale to Westview				350,000			350,000
Transit Stop Improvements	80,000	65,000	65,000	65,000	65,000	325,000	665,000
New Pedestrian Crossing Facilities	150,000	350,000	350,000				850,000
Installation of Accessible Pedestrian Signal Units	35,000	35,000	35,000	35,000	35,000	105,000	280,000
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety)	60,600						60,600
Pedestrian Scale Lighting Jones Avenue		400,000					400,000
Pedestrian and Roadway Lighting Implementation	75,750	227,250	227,250	227,250	227,250	681,750	1,666,500
Traffic Signal at East 13th St at St Andrew's Ave	300,000						300,000
Parklet Design Competition and Installations				175,000			175,000
Sidewalk Patios - Lower Lonsdale	50,000	150,000					200,000
Marine-Main Corridor Improvements	1,525,000	1,850,000	1,100,000				4,475,000
Lonsdale Corridor Transit & Safety Improvements (Esplanade to 29th)			1,400,000				1,400,000
Electric Vehicle Strategy Implementation	190,000						190,000
Total Expended	23,883,629	164,403,330	9,988,200	19,861,150	7,170,150	4,260,050	229,566,509
Closing Balance	\$ 53,453,187	\$ 38,216,106	\$ 112,166,588	\$ 100,878,651	\$ 63,895,009	\$ 85,866,818	\$ 85,866,818

2019-2028 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.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 8,877	8,877	\$ 8,877	\$ 8,877	\$ 8,877	\$ 8,877	\$ 8,877
Interest for the year							
Available Balance	\$ 8,877	8,877	\$ 8,877	\$ 8,877	\$ 8,877	\$ 8,877	\$ 8,877
Withdrawals							
Total Expended	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	8,877	8,877	8,877	8,877	8,877	8,877	8,877

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.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 9,833	9,833	\$ 9,833	\$ 9,833	\$ 9,833	\$ 9,833	\$ 9,833
Interest for the year							
Available Balance	\$ 9,833	9,833	\$ 9,833	\$ 9,833	\$ 9,833	\$ 9,833	\$ 9,833
Withdrawals							
Closing Balance	\$ 9,833	9,833	\$ 9,833	\$ 9,833	\$ 9,833	\$ 9,833	\$ 9,833

GENERAL BUILDING

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 195,874	133,087	\$ 133,087	\$ 133,087	\$ 133,087	\$ 133,087	\$ 195,874
Contributions:							
- Budgeted	-	-	-	-	-	-	-
Interest for the year							
Available Balance	\$ 195,874	133,087	\$ 133,087	\$ 133,087	\$ 133,087	\$ 133,087	\$ 195,874
Withdrawals							
Ops Centre Storage Site	62,787	-	-	-	-	-	62,787
Total Expended	\$ 62,787	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,787
Closing Balance	\$ 133,087	133,087	\$ 133,087	\$ 133,087	\$ 133,087	\$ 133,087	\$ 133,087

JUSTICE ADMINISTRATION BUILDING

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 55,453	4,219	\$ 4,346	\$ 4,476	\$ 4,610	\$ 4,749	\$ 55,453
Contributions:							
- Budgeted							
Interest for the year		127	130	134	138	756	1,286
Available Balance	\$ 55,453	4,346	\$ 4,476	\$ 4,610	\$ 4,749	\$ 5,505	\$ 56,739
Withdrawals							
Maintenance & Replacement for Gerry Brewer Building	51,234	-	-	-	-	-	51,234
Total Expended	\$ 51,234	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,234
Closing Balance	\$ 4,219	\$ 4,346	\$ 4,476	\$ 4,610	\$ 4,749	\$ 5,505	\$ 5,505

2019-2028 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.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 333,779	\$ 308,433	\$ 308,433	\$ 317,686	\$ 327,216	\$ 337,033	\$ 333,779
Gas Tax	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
MRN Capital	260,000	260,000	260,000				780,000
Contributions:							
- Budgeted							
Interest for the year			9,253	9,531	9,816	53,681	82,281
Available Balance	\$ 793,779	\$ 768,433	\$ 777,686	\$ 527,216	\$ 537,033	\$ 1,390,713	\$ 3,196,059
Withdrawals							
Pavement Management: Streets and Lanes	485,346	460,000	460,000	200,000	200,000	1,000,000	2,805,346
Total Expended	\$ 485,346	\$ 460,000	\$ 460,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 2,805,346
Closing Balance	\$ 308,433	\$ 308,433	\$ 317,686	\$ 327,216	\$ 337,033	\$ 390,713	\$ 390,713

GENERAL EQUIPMENT

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 87,581	\$ 52,801	\$ 61,595	\$ 54,385	\$ 63,226	\$ 72,333	\$ 87,581
Contributions:							
- Budgeted							
- Eq. Sales proceeds	7,000	7,000	7,000	7,000	7,000	35,000	70,000
Interest for the year		1,794		1,842	2,107	14,800	20,542
Available Balance	\$ 94,581	\$ 61,595	\$ 68,595	\$ 63,226	\$ 72,333	\$ 122,133	\$ 178,123
Withdrawals							
Furniture and Equipment	41,780		14,210				55,990
Total Expended	\$ 41,780	\$ -	\$ 14,210	\$ -	\$ -	\$ -	\$ 55,990
Closing Balance	\$ 52,801	\$ 61,595	\$ 54,385	\$ 63,226	\$ 72,333	\$ 122,133	\$ 122,133

FIRE EQUIPMENT

Used for fire equipment, and replacement and upgrades.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 617,037	\$ 687,048	\$ 43,310	\$ 44,609	\$ 205,597	\$ 46,965	\$ 617,037
Contributions:							
- Budgeted	350,000	385,000	1,540,000	350,000	480,000	2,525,000	5,630,000
- Transfer from General Reserve							
Interest for the year	20,011	1,261	1,299	5,988	1,368	36,056	65,984
Available Balance	\$ 987,048	\$ 1,073,310	\$ 1,584,609	\$ 400,597	\$ 686,965	\$ 2,608,021	\$ 6,313,021
Withdrawals							
Equipment and Vehicles	250,000	1,030,000	1,490,000	195,000	590,000	2,455,000	6,010,000
Block Funds	50,000		50,000		50,000	100,000	250,000
Closing Balance	\$ 687,048	\$ 43,310	\$ 44,609	\$ 205,597	\$ 46,965	\$ 53,021	\$ 53,021

COMPUTER EQUIPMENT

Used for computer equipment replacement and upgrades.

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 195,944	\$ 31,366	\$ 32,307	\$ 33,276	\$ 34,274	\$ 35,302	\$ 195,944
Contributions:							
- Sale of equipment	5,766						5,766
Interest for the year	914	941	969	998	1,028	5,623	10,473
Available Balance	\$ 202,624	\$ 32,307	\$ 33,276	\$ 34,274	\$ 35,302	\$ 40,925	\$ 212,183
Withdrawals							
User Device Replacements	150,000						150,000
Data Centre Infrastructure	21,258						21,258
Closing Balance	\$ 31,366	\$ 32,307	\$ 33,276	\$ 34,274	\$ 35,302	\$ 40,925	\$ 62,183

ENGINEERING EQUIPMENT

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 3,037,660	\$ 2,675,590	\$ 1,897,868	\$ 1,866,224	\$ 2,034,480	\$ 2,368,465	\$ 3,037,660
Contributions:							
- Budgeted	400,000	400,000	450,000	450,000	500,000	3,260,000	5,460,000
Interest for the year	77,930	55,278	54,356	59,257	68,984	352,327	668,131
Available Balance	\$ 3,515,590	\$ 3,130,868	\$ 2,402,224	\$ 2,375,480	\$ 2,603,465	\$ 5,980,792	\$ 9,165,792
Withdrawals							
Vehicles	840,000	1,233,000	536,000	341,000	235,000	4,219,000	7,404,000
Closing Balance	\$ 2,675,590	\$ 1,897,868	\$ 1,866,224	\$ 2,034,480	\$ 2,368,465	\$ 1,761,792	\$ 1,761,792

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

LOCAL AREA SERVICES

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 806,163	\$ 315,348	\$ 324,808	\$ 334,553	\$ 344,589	\$ 354,927	\$ 806,163
Contributions:							
- Levies from Property Owners							
Interest for the year	9,185	9,460	9,744	10,036.58	10,338	56,531	105,294
Available Balance	\$ 815,348	\$ 324,808	\$ 334,553	\$ 344,589	\$ 354,927	\$ 411,457	\$ 911,457
Withdrawals							
City Share of LAS Projects	500,000	-	-	-	-	-	500,000
Closing Balance	\$ 315,348	\$ 324,808	\$ 334,553	\$ 344,589	\$ 354,927	\$ 411,457	\$ 411,457

PARKING

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 153,918	\$ 34,936	\$ 35,984	\$ 37,063	\$ 38,174	\$ 39,319	\$ 153,918
Contributions:							
- Pay in lieu of Parking							
Interest for the year	1,018	1,048	1,080	1,112	1,145	6,262	11,665
Available Balance	\$ 154,936	\$ 35,984	\$ 37,063	\$ 38,174	\$ 39,319	\$ 45,581	\$ 165,583
Withdrawals							
Presentation House Public Parking Lot	120,000	-	-	-	-	-	120,000
Total Expended	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Closing Balance	\$ 34,936	\$ 35,984	\$ 37,063	\$ 38,174	\$ 39,319	\$ 45,581	\$ 45,582

PARKS DCC

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 18,527,348	\$ 9,670,385	\$ 10,958,000	\$ 11,994,607	\$ 15,348,052	\$ 18,692,494	\$ 18,527,348
Contributions:							
- Lease revenue 15 Chesterfield							
- Levy	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000	18,000,000
- Completed projects							
Loan to Transportation DCC	(989,125)	(163,300)					(1,152,425)
Repayment from Transportation DCC			100,000	1,106,414	1,000,000	3,471,466	5,677,880
Interest for the year	281,662	319,165	349,357	447,031	544,442	4,213,763	6,155,420
Available Balance	\$ 19,619,885	\$ 11,626,250	\$ 13,207,357	\$ 15,348,052	\$ 18,692,494	\$ 35,377,723	\$ 47,208,223
Withdrawals							
New Parks	9,900,000	-	-	-	-	-	9,900,000
1600 Eastern Avenue Park - DCC	49,500	544,500	-	-	-	-	594,000
Waterfront Park Master Plan & Implementation - DCC	-	123,750	1,113,750	-	-	-	1,237,500
St. Andrews Park Washrooms - DCC	-	-	99,000	-	-	-	99,000
Total Expended	\$ 9,949,500	\$ 668,250	\$ 1,212,750	\$ -	\$ -	\$ -	\$ 11,830,500
Closing Balance	\$ 9,670,385	\$ 10,958,000	\$ 11,994,607	\$ 15,348,052	\$ 18,692,494	\$ 35,377,723	\$ 35,377,723

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

TRANSPORTATION DCC

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ -	(0) \$	(0) \$	18,950 \$	21,486 \$	11,636 \$	-
Levy	500,000	500,000	1,500,000	1,500,000	1,500,000	7,500,000	13,000,000
Repayment to Parks DCC			(100,000)	(1,106,414)	(1,000,000)	(3,471,466)	(5,677,880)
Loan from Parks DCC	989,125	163,300	-	-	-	-	1,152,425
Interest for the year							-
Available Balance	\$ 1,489,125	\$ 663,300	\$ 1,400,000	\$ 412,536	\$ 521,486	\$ 4,040,170	\$ 8,474,545
Withdrawals							
New Sidewalks to Complete Pedestrian Network-DCC	148,500	148,500	148,500	148,500	148,500	742,500	1,485,000
Bicycle Route Improvements - DCC	19,800	19,800	19,800	19,800	19,800	79,200	178,200
Casano Loutet Overpass - DCC	660,000	227,700	-	-	-	-	887,700
Marine Drive Bridge Replacement over Mackay Creek - DCC	-	-	990,000	-	-	-	990,000
Transportation Plan Update - DCC	44,550	44,550	-	-	-	-	89,100
Traffic Signal at Keith & Hendry (Pedestrian & Bike Safety) -DCC	59,400	-	-	-	-	-	59,400
Traffic Signal at 3rd & St. David's - DCC	180,675	-	-	-	-	-	180,675
Pedestrian and Roadway Lighting Implementation - DCC	74,250	222,750	222,750	222,750	222,750	668,250	1,633,500
200 East 2nd Street - Parking & Streetscape improvements-DCC	-	-	-	-	-	49,500	49,500
100 East 2nd Street - Parking & Streetscape Improvements-DCC	-	-	-	-	-	222,750	222,750
100 East 1st Street - Streetscape Improvements - DCC	-	-	-	-	-	346,500	346,500
Moodyville Traffic Signals - DCC	301,950	-	-	-	118,800	-	420,750
Closing Balance	\$ (0) \$	(0) \$	18,950 \$	21,486 \$	11,636 \$	1,931,470 \$	1,931,470

AFFORDABLE HOUSING

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 2,320,688	384,309 \$	2,226,728 \$	2,837,529 \$	3,466,655 \$	4,114,655 \$	2,320,688
Contributions:							
- Levy		750,000	750,000	750,000	750,000	3,750,000	6,750,000
- Wall Phase 1	260,000						260,000
- Northmount Medical		1,286,890					1,286,890
Interest for the year	3,621	5,529	60,802	79,125.88	98,000	793,528	1,040,605
Available Balance	\$ 2,584,309	\$ 2,426,728	\$ 3,037,529	\$ 3,666,655	\$ 4,314,655	\$ 8,658,183	\$ 11,658,183
Withdrawals							
Projects & Grants	2,200,000	200,000	200,000	200,000	200,000	1,000,000	4,000,000
Total expended	\$ 2,200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 4,000,000
Closing Balance	\$ 384,309	\$ 2,226,728	\$ 2,837,529	\$ 3,466,655	\$ 4,114,655	\$ 7,658,183	\$ 7,658,183

SUSTAINABLE TRANSPORTATION

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 96,428	122,632 \$	116,436 \$	27,073 \$	118,010 \$	211,676 \$	96,428
Contributions:							
- Annual	87,500	87,500	87,500	87,500	87,500	437,500	875,000
Interest for the year	4,154	6,304	6,118	3,437	6,165	19,475	100,879
Available Balance	\$ 188,082	\$ 216,436	\$ 210,054	\$ 118,010	\$ 211,676	\$ 668,651	\$ 1,072,307
Withdrawals							
Transportation Plan Update	45,450		-	-	-	-	45,450
Marine Drive Bridge Replacement over Mackay Creek			182,981				182,981
INSTPP Implementation (Previously known as North Shore Transportation Improvements)		100,000					100,000
Electric Vehicle Strategy Implementation	20,000						20,000
Total expended	\$ 65,450	\$ 100,000	\$ 182,981	\$ -	\$ -	\$ -	\$ 348,431
Closing Balance	\$ 122,632	\$ 116,436	\$ 27,073	\$ 118,010	\$ 211,676	\$ 668,651	\$ 723,876

PUBLIC ART

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 291,577	250,325 \$	257,834 \$	265,570 \$	273,537 \$	281,743 \$	291,577
Contributions:							
Closed Projects							-
- Budgeted	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Interest for the year	8,747	7,510	7,735	7,967.09	8,206	44,874	85,040
Available Balance	\$ 385,325	\$ 342,834	\$ 350,570	\$ 358,537	\$ 366,743	\$ 751,617	\$ 1,226,617
Withdrawals							
Public Art Projects	85,000	85,000	85,000	85,000	85,000	425,000	850,000
City Hall Fallen Tree Art Upgrade	50,000						50,000
Total expended	\$ 135,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 900,000
Closing Balance	\$ 250,325	\$ 257,834	\$ 265,570	\$ 273,537	\$ 281,743	\$ 326,617	\$ 326,617

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

OTHER FUNDING SOURCES

Cemetery Development Fund

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 1,107,600	1,037,828	\$ 965,963	\$ 891,941	\$ 815,700	\$ 737,171	\$ 1,107,600
Contributions:							
Interest for the year	30,228	28,135	25,979	23,758.24	21,471	70,571	200,142
Available Balance	\$ 1,137,828	1,065,963	\$ 991,941	\$ 915,700	\$ 837,171	\$ 807,742	\$ 1,307,742
Withdrawals							
Cemetery Projects	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
Closing Balance	\$ 1,037,828	\$ 965,963	\$ 891,941	\$ 815,700	\$ 737,171	\$ 307,742	\$ 307,742

Child Care Capital Improvement Fund

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

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

Carbon Fund

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 127,706	142,706	\$ 157,706	\$ 61,446	\$ 76,446	\$ 91,446	\$ 127,706
Early Appropriations							
Contributions:							
CARIP	25,000	25,000	25,000	25,000	25,000	125,001	250,001
Annual Budget	65,000	65,000	65,000	65,000	65,000	325,001	650,001
Available Balance	\$ 217,706	232,706	\$ 247,706	\$ 151,446	\$ 166,446	\$ 541,448	\$ 1,027,708
Withdrawals							
Marine Drive Bridge Replacement over Mackay Creek			111,260			-	111,260
Living City Tree Planting Program	75,000	75,000	75,000	75,000	75,000	375,000	750,000
Closing Balance	\$ 142,706	\$ 157,706	\$ 61,446	\$ 76,446	\$ 91,446	\$ 166,448	\$ 166,448

Heritage Reserve

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

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 92,053	2,569	\$ 2,646	\$ 2,725	\$ 2,807	\$ 2,891	\$ 92,053
Interest for the year	75	77	79	82	84	447	760
Available Balance	\$ 92,128	2,646	\$ 2,725	\$ 2,807	\$ 2,891	\$ 3,338	\$ 92,813
Withdrawals							
Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
Closing Balance	\$ 2,569	\$ 2,646	\$ 2,725	\$ 2,807	\$ 2,891	\$ 3,338	\$ 3,254

Environmental Stewardship Fund

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

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

2019-2028 PROJECT PLAN

RESERVES AND OTHER FUNDING

General Reserve

	2019	2020	2021	2022	2023	2024-2028	Total
Opening Balance	\$ 5,596,793	4,503,255	\$ 4,536,017	\$ 4,565,709	\$ 4,565,709	\$ 4,565,709	\$ 5,596,793
Contributions:							
Lease Revenue (Tap & Barrel)	250,000					-	250,000
Transfer from Annual Budget	1,258,929	500,000	500,000	-		-	2,258,929
Available Balance	\$ 7,105,722	\$ 5,003,255	\$ 5,036,017	\$ 4,565,709	\$ 4,565,709	\$ 4,565,709	\$ 8,105,722
Land Acquisition 1% Municip Assist	100,000	-	-	-	-	-	100,000
Harry Jerome Complex - Major Repairs	200,000						200,000
Block Funding Projects							
School the City - CNV4ME	50,000						50,000
Block Funding - Library Equipment			20,000				20,000
Public Space Place-making Support - Project Funding	40,000						40,000
Economic Partnership North Vancouver (Year 1 of 3 year commitment)	70,000						70,000
Shipbuilders' Square and Public Realm Events	130,000						130,000
Service Options for Lower Lonsdale	15,000						15,000
COR (Certificate of Recognition)	110,600						110,600
Strategic Planning	300,000						300,000
Streets, Traffic and Transportation							
Pavement Management: Streets and Lanes	1,514,654	442,238	450,308				2,407,200
Buidlings							
Ops Centre Storage Site	2,213						2,213
Civic Centre Addition	-	25,000					25,000
Equipment							
Forklift	70,000						70,000
Total expended	\$ 2,602,467	\$ 467,238	\$ 470,308	\$ -	\$ -	\$ -	\$ 3,540,013
Closing Balance	\$ 4,503,255	\$ 4,536,017	\$ 4,565,709	\$ 4,565,709	\$ 4,565,709	\$ 4,565,709	\$ 4,565,709

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