Director	CAO

COUNCIL AGENDA

Date: March 29, 2021 Item: 8.1.

DISTRICT OF WEST VANCOUVER
750 17TH STREET, WEST VANCOUVER BC V7V 3T3

8.1.

COUNCIL REPORT

Date:	March 15, 2021
From:	Isabel Gordon, Director, Financial Services
Subject:	Proposed 2021 Capital Funding Report
File:	04.0860.30.2021

RECOMMENDATION

THAT as described in the report dated March 15, 2021 regarding proposed 2021 capital funding:

1. That the following appropriation be made from the Capital Facilities Fund to fund 2021 Phase 1 Capital Projects:

Capital Facilities Fund	
Asset Preservation	
Facilities Projects	2,245,631
Capital Facilities Fund Total	**$2,245,631**

and that these funds be available until December 31, 2022, and any funds unused at that time be returned to the Capital Facilities Fund, be approved;

2. That the following appropriation be made from the Capital Infrastructure Reserve Fund to fund 2021 Phase 1 Capital Projects:

Capital Infrastructure Reserve Fund	
Asset Preservation	
Grounds and Parks	640,000
Regular Asset Maintenance	
Transportation Infrastructure	1,874,000
Strategic Investment	
Grounds and Parks	315,000
Innovation	
Equipment	42,000
Health and Safety	
Grounds and Parks	50,000
Capital Infrastructure Reserve Fund Total	**$2,921,000**

and that these funds be available until December 31, 2022, and any funds unused at that time be returned to the Capital Infrastructure Reserve Fund, be approved;

3. That the following appropriations be made from the Capital Equipment Reserve Fund to fund 2021 Phase 1 Capital Projects:

Capital Equipment Reserve Fund	
Asset Preservation	
Equipment	14,000
Fleet - Vehicle and Heavy Duty Equipment	215,700
IT Hardware and Software	519,945
Regular Asset Maintenance	
Equipment	105,500
Fleet - Vehicle and Heavy Duty Equipment	881,000
Strategic Investment	
Equipment	188,000
Grounds and Parks	20,000
IT Hardware and Software	620,000
Fleet - Vehicle and Heavy Duty Equipment	159,000
Innovation	
IT Hardware and Software	190,000
Health and Safety	
Equipment	155,000
Capital Equipment Reserve Fund Total	**$3,068,145**

and that these funds be available until December 31, 2022, and any funds unused at that time be returned to the Capital Equipment Reserve Fund, be approved;

4. That the following appropriation be made from the Water Reserve Fund to fund 2021 Capital Projects:

Water Reserve Fund	
Water Utility	
Water Capital Program	6,885,000
Water Reserve Fund Total	**$6,885,000**

and that these funds be available until December 31, 2022, and any funds unused at that time be returned to the Water Reserve Fund, be approved; and

5. That the following appropriations be made from the Sewer and Drainage Reserve Fund to fund 2021 Capital Projects:

Sewer and Drainage Reserve Fund	
Sewer and Drainage Utility	
Sanitary Capital Program	6,083,216
Storm Capital Program	5,081,254
Sewer and Drainage Reserve Fund Total	**$11,164,470**

and that these funds be available until December 31, 2022, and any funds unused at that time be returned to the Sewer and Drainage Reserve Fund, be approved.

1.0 Purpose

The purpose of this report is to obtain Council's authorization to finance the District's 2021 capital asset program by expending funds from the following statutory reserves:

1. Capital Facilities Fund;
2. Capital Infrastructure Reserve Fund;
3. Capital Equipment Reserve Fund;
4. Water Reserve Fund;
5. Sewer and Drainage Reserve Fund.

The first three funds are Asset Levy Reserve funds, funds 4 and 5 are Utility Funds which are funded through the utility rates.

2.0 Bylaw

The three Asset Levy Reserve Funds are special reserve funds established pursuant to Community Charter Section 188, and serve to segregate asset funding from operational funding. Use of the funds in the asset reserves requires a Council resolution to authorize expenditure as per the following asset reserves bylaws:

- Capital Facilities Fund Bylaw, No. 4641, 2010
- Capital Infrastructure Reserve Fund Bylaw, No. 4882, 2016
- Capital Equipment Reserve Fund Bylaw, No. 4881, 2016

The following utilities' reserve bylaws also serve to segregate capital funding from operational funding in the utilities, and also require a Council resolution to authorize expenditures from the fund:

- Water Reserve Fund Bylaw, No. 4864, 2015
- Sewer and Drainage Reserve Fund Bylaw, No. 4865, 2015

3.0 Council Strategic Objective(s)/Official Community Plan

The District's annual planning and budgeting process was conducted in alignment with the Official Community Plan (OCP) as outlined in section 3.1 – financial planning process:

Section 477 of the Act requires that when a proposed OCP is prepared it must be considered in conjunction with the municipality's financial plan. Following adoption, the District's annual planning and budget process would then be conducted in alignment with this plan.

4.0 Financial Implications

Financial implications are addressed throughout the report.

5.0 Background

Each year a contribution is made to each of the general fund asset reserves from the annual District Asset Levy and a portion of the annual utilities' rates are contributed to the respective utilities' reserves. Five capital reserves (three in the general fund and two in utilities) were established along with a reserve for operational items which require periodic maintenance or replacement.

The three general fund capital reserves (Capital Facilities Fund, Capital Infrastructure Reserve Fund, and Capital Equipment Reserve Fund), and the two utility reserves, (Water Reserve Fund and Sewer and Drainage Reserve Fund) require a Council resolution to authorize the expenditure of funds on capital asset projects.

The operational reserve is also a general fund asset reserve but does not require a Council resolution, because it is not a statutory reserve created by bylaw.

6.0 Analysis

6.1 Discussion

Capital funding is now a multi-stage process at the District. The available funding for all projects is built into the District's 2021-2025 Five-Year Financial Plan, but the inclusion of funding in the Plan does not, by itself, authorize funds to be spent. The funding for projects comes from various sources including, but not limited to, asset reserves, amenity contributions, development cost charges, internal or external borrowing, external sources (donations, grants) and other amounts set aside (for example, field user fees set aside for field replacement). Every source of funding is associated with a specific set of guiding principles and requirements with respect to the use of each fund. Certain regulations, applying primarily to statutory reserves, fall under Provincial legislation, and other requirements are determined by the District through bylaws, policies and procedures, the Official Community Plan and other guidelines.

The 2021 Capital Plan reflects both the unique circumstances associated with COVID-19 and the long-term District's priorities on the maintenance and development of capital assets. COVID-19 and related adjustments in the 2020 Operations and Capital Budgets had a significant impact on the implementation of the 2020 Capital Plan – budget reallocation and reductions caused delays in some of the District's 2020 capital initiatives. COVID-19 also influenced the District's work processes, including the requirements related to capital projects – primarily the safety and delivery model. In terms of the District's long-term objectives, the complexities in the implementation of the 2020 Capital Plan have reinforced the urgency,

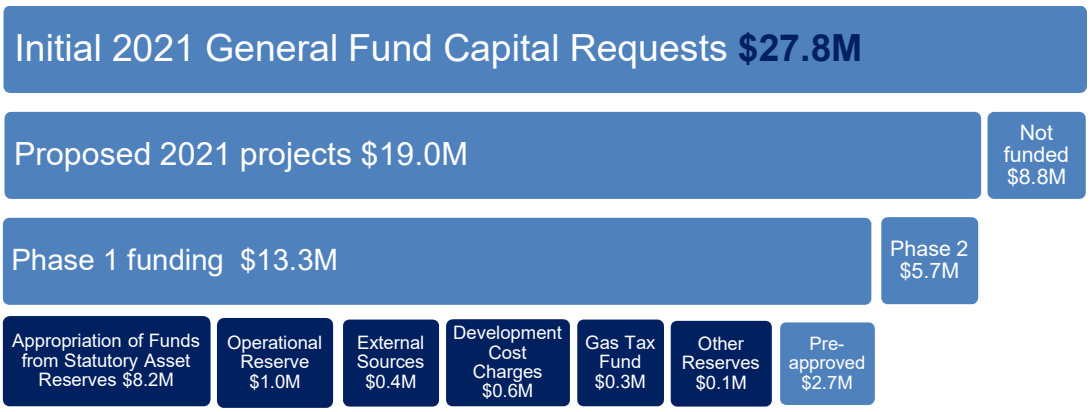
in 2021, of such priorities as deferred maintenance, asset preservation and strategic investments.

This context had profound impact on the development of the 2021 Capital Plan. The resulting project funding proposals encompass both the initiatives launched in 2020 that were impacted by COVID-19 and the emerging funding and maintenance requirements for 2021. The volume of work and the broad range of projects included in the 2021 Capital Plan required careful consideration of project timing – to ensure that urgent objectives are addressed first and to avoid overloading the District's capacity in terms of the work that can be delivered on a timely basis. Based on these considerations, the 2021 Capital Plan (**Appendix B**) is divided into two phases – Phase 1 includes projects proposed for immediate implementation, while Phase 2 includes projects that can be postponed until the capacity and funding constraints are further understood. Depending on the progress of Phase 1 projects and incremental funding available for capital initiatives, some of the Phase 2 projects may be launched in 2021, while others may need to be postponed. There are certain risks inherent in this strategy, in that the condition of some capital assets may deteriorate. The situation requires difficult choices, but the asset managers are confident that risks, for the most part, can be managed.

Just-in-time Funding

Phasing of projects in this way can also be described as just-in-time funding. A common practice in industry, this technique is just beginning to be used in the municipal sector. This technique makes extensive use of phasing, and relies upon the availability of dedicated asset reserves, which can be drawn upon at need, and provides significant advantages in terms of project budgeting, planning and delivery. As the District begins to use this technique, Council can expect more reports throughout the year asking for funding to be dedicated to particular projects which advance the District's strategic goals.

2021 Capital Funding Process



In order to implement just-in-time funding, the 2021 capital budget went through the following staged process (illustrated in the chart, above):

1. the initial capital funding request of $27.8M was reduced to $19.0M based on the consultations with asset managers and project teams,
2. initiatives proposed for funding within the $19.0M capital plan were then divided into two phases,
3. Phase 1 ($13.3M) included higher-priority projects that can be launched quickly upon the budget approval.
4. Phase 2 ($5.7M) included important projects that are planned to be launched later in 2021 or that could be postponed.
5. finally, the $13.3M Phase 1 capital plan was adjusted to account for the $2.7M budget pre-approved earlier, leading to the $10.6M proposed funding from:
    a. $8.2M appropriation of funds from asset reserves,
    b. $1.0M operational reserve,
    c. $0.4M external sources,
    d. $0.6M development cost charges,
    e. $0.3M gas tax fund, and
    f. $0.1M other reserves.

Projects identified to be funded from statutory reserves require a Council resolution to authorize the expenditure of funds. A list of the 2021 Phase 1 capital projects to be funded from the statutory reserves is attached as **Appendix A**.

6.2 Sustainability

Sustainability can be defined as meeting the needs of today while not impairing the ability of future needs to also be met. Through use of the Asset Levy system, the District will ensure that current asset investment needs are met, and not postponed into the future which would leave assets in an unsustainable condition.

6.3 Public Engagement and Outreach

Information on proposed 2021 asset investment projects was provided on January 28 and January 29, 2021 during two virtual public budget information sessions. Descriptions for all capital projects were provided for Council's review during the budget consultation process and the proposed 2021-2025 Five-Year Financial Plan Bylaw No. 5111, 2021 was adopted by Council on March 8, 2021 during the regular Council meeting.

7.0 Options

7.1 Recommended Option

Staff recommend that the 2021 Phase 1 Capital Projects as reflected in the recommendation in this report be approved.

7.2 Considered Options

Council may wish to defer or delete the funding for particular projects.

In this case, an appropriate course of action would be to refer to **Appendix A** to obtain the project name and then put forward the following motion or motions:

THAT Project name (insert the project name) with a budget request of (insert requested amount) be removed from the appropriations resolution.

If appropriate, staff may then bring back further information on the project or projects, and Council may authorize funding at that time.

8.0 Conclusion

Staff recommend that the appropriations in the proposed 2021 Capital Funding report be approved.

Author: Isabel Gordon, Director, Financial Services

Appendices:
Appendix A: 2021 Capital Projects Funded from Statutory Reserves
Appendix B: 2021 General Fund Capital Program Summary – Phase 1 and Phase 2

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2021 Phase 1 Capital Projects Funded from Statutory Reserves - General Fund

	Capital Facilities Fund	Capital Infrastructure Reserve Fund	Capital Equipment Reserve Fund	Total
Capital Facilities Fund (CFR)	2,245,631			2,245,631
Asset Preservation	2,245,631			**2,245,631**
Ice Arena - 004	150,000			150,000
Multi Year Capital Renewal Plan - Ambleside Park Concession/Washrooms/ Caretaker-024	350,000			350,000
Multi Year Capital Renewal Plan - Ambleside Park Equipment Storage/Pump House-025	21,001			21,001
Multi Year Capital Renewal Plan - Argyle: John Lawson Park Washroom-027	5,814			5,814
Multi Year Capital Renewal Plan - Fire Hall # 1-048	196,964			196,964
Multi Year Capital Renewal Plan - Fire Hall # 3 - Caulfeild-011	104,249			104,249
Multi Year Capital Renewal Plan - Fire Hall # 4 - British Properties-013	22,403			22,403
Multi Year Capital Renewal Plan - Ice Arena-004	169,671			169,671
Multi Year Capital Renewal Plan - Memorial Library	624,556			624,556
Multi Year Capital Renewal Plan - Parkade and Central Plant-003	134,698			134,698
Multi Year Capital Renewal Plan - West Vancouver Aquatic Centre-001	251,751			251,751
Multi Year Capital Renewal Plan - West Vancouver Community Centre-002	214,524			214,524
Capital Infrastructure Reserve Fund (CIR)		2,921,000		2,921,000
Asset Preservation		640,000		**640,000**
Baden Powell Trail Restoration		50,000		50,000
Failing Park Infrastructure Replacement		100,000		100,000
Garrow Bay Stair Replacement		90,000		90,000
Larsen Bay Tennis Court Removal		40,000		40,000
Park Drainage & Irrigation Replacement		55,000		55,000
Sports Court Replacement		15,000		15,000
Sports Field Lights, Fencing and Backstop Replacements		50,000		50,000
Underground Park Utility Systems		90,000		90,000
Waterfront Park Pier Repairs & Replacements		150,000		150,000
Regular Asset Maintenance		1,874,000		**1,874,000**
2020 Deficiencies		75,000		75,000
2021 Hot Patch Program		50,000		50,000
2021 Traffic Safety Improvement Program		25,000		25,000
700 Marine Dr Bus Lane		100,000		100,000
Crosswalk Rectangular Rapid Flashing Beacons		65,000		65,000
Inglewood Avenue - Sinclair Avenue to 22nd Street		250,000		250,000
Keith Road Bridge Design		250,000		250,000
Mathers Avenue - 21st - 25th		500,000		500,000
North Shore Mobility Projects		50,000		50,000
Railway Crossing Upgrades		54,000		54,000
Slope Stability Improvements		100,000		100,000
The Dale and Marine Intersection Safety Improvement		30,000		30,000
Traffic Signals		125,000		125,000
Traffic Studies and Counts		75,000		75,000
TRRIP (TransLink - Transit Related Road Infrastructure Program)		125,000		125,000
Strategic Investment		315,000		**315,000**
Coastal Marine Management Plan Implementation		55,000		55,000
Implementation of Shoreline Protection Projects		210,000		210,000
Trail Partnership With Recreational Trail Groups		50,000		50,000
Innovation		42,000		**42,000**
Data Acquisition - 2020 Orthophotos and 2021 LiDAR with Vegetation Classification		42,000		42,000
Health & Safety		50,000		**50,000**
Slope Stabilization along Seaview Trail		50,000		50,000
Capital Equipment Reserve Fund (CER)			3,068,145	3,068,145
Asset Preservation			749,645	**749,645**
Automated Material Handling (AMH) Bin Replacement			14,000	14,000
Golf management/registration system replacement			30,000	30,000
IT infrastructure replacement and additions			400,000	400,000
Lab Computer Replacements			34,080	34,080
Public Computer Replacements and Privacy Screens			55,865	55,865
Replace Fire Support unit F032 (P-FD-190)			92,700	92,700
Replace Fire Support unit F046 (P-FD-189)			43,000	43,000
Replace removed funding for Fire Tower Truck unit F041 (P-FD-172)			80,000	80,000
Regular Asset Maintenance			986,500	**986,500**
Aquatic Centre Weight Room Equipment Replacement			29,000	29,000
IT Evergreening & Projects			65,000	65,000
Police Operational Vehicle unit V005			95,000	95,000
Police Operational Vehicle unit V011			95,000	95,000
Police Operational Vehicle unit V021			95,000	95,000
Replace 3/4 ton pick up unit M027			55,000	55,000
Replace all terrain vehicle unit P069			56,000	56,000
Replace hybrid sedan unit P024			55,000	55,000
Replace ride-on mower unit GL39			60,000	60,000
Replace service truck unit M024			125,000	125,000
Replace service van unit M029			50,000	50,000
Replace single axle dump truck unit P003			145,000	145,000
Replace top dresser attachment unit P070			11,500	11,500
Replace utility vehicle unit PP11			50,000	50,000

Appendix A:
2021 Capital Projects Funded from Statutory Reserves

	Capital Facilities Fund	Capital Infrastructure Reserve Fund	Capital Equipment Reserve Fund	Total
Strategic Investment			987,000	**987,000**
Acquisition of a pick-up			55,000	55,000
Application Software Upkeep & Enhancements			250,000	250,000
Barber Surf Rake Beach Cleaner			78,000	78,000
Community Services Employee Scheduling System			30,000	30,000
Copiers Replacement and Consolidation			150,000	150,000
Indigenous Language Signage			20,000	20,000
Major Appliance, Program and Kitchen Equipment Replacement			10,000	10,000
Public Websites Rebuild and Consolidation			190,000	190,000
Replace Fire Interface unit F023 (P-FD-377)			104,000	104,000
Special Event Equipment Replacement			100,000	100,000
Innovation			190,000	**190,000**
Information Technology - Police Enterprise Resourcing Platform System			150,000	150,000
Microsoft Office 365			40,000	40,000
Health & Safety			155,000	**155,000**
Fire Training Stacked Container Prop (P-FD-487)			120,000	120,000
Gleneagles Community Centre Weight Room Equipment Replacement			35,000	35,000
Total	**2,245,631**	**2,921,000**	**3,068,145**	**8,234,776**

2021 Capital Projects Funded from Statutory Reserves - Utility Funds

	Water Reserve Fund
Water Utility	
Annual Replacements Program	
Bylaw Revisions & Amendments	30,000
Eagle Lake Dam Prioritized Upgrades	40,000
Electrical Upgrades	350,000
Emergency Planning - Water Supply Sources	100,000
PRV Station - Northwood	230,000
Pump Station Condition Upgrades	200,000
Replacement of Nelson Creek Valve Chamber	30,000
Reserve Contribution to Future Westmount Pump Station Project	2,220,000
Reservoir Seismic Upgrades	150,000
SCADA Upgrades	60,000
Source Redundancy Feasibilities and Review	60,000
Treatment Facilities Upgrades	50,000
Watermain - 4100 block Marine Drive, West of Sherman & Sherman Street	600,000
Watermain - Caufield Drive	500,000
Watermain - Headland Drive	470,000
Watermain - Looping Hillside Road & Highland Drive	140,000
Watermain - Part of Nelson Creek Bridge Replacement Project	300,000
Watermain - Pressure Transfer Project - Inglewood & Anderson Crescent	400,000
Watermain - Rena Crescent	260,000
Watermain - Upsizing Hidhurst Place	270,000
Watermain Design Package 2021	100,000
Annual Replacements Program Total	**6,560,000**
Equipment Renewals	
Replace Dodge Caravan. Unit M036	25,000
Replace Tandem axle dump truck. Unit M001	150,000
Replace Tandem axle dump truck. Unit M023	150,000
Equipment Renewals Total	**325,000**
Water Utility Total	**6,885,000**

2021 Capital Projects Funded from Statutory Reserves - Utility Funds

	Sewer & Drainage Reserve Fund
Sanitary Utility	
Sanitary Replacements	
Implementation of Recommendations from the Master Plan & Lift Station Assessment	195,806
Citrus Wynd Treatment Plant - Waste Pump Rail Replacement	20,000
Construction and Operational Specialized Equipment	60,000
Sanitary - Design Criteria & Subdivision Bylaw	35,000
Sanitary Condition Assessment Program	380,000
Sanitary Flow Monitoring Program	150,000
Sanitary Lift Station Replacement	870,627
Sanitary Lift Station Replacement Design & Planning	68,919
Sanitary main - 22nd Street	550,000
Sanitary main - Keith Road	600,000
Sanitary main - Marine Drive - Main Street to Keith Road	1,000,000
Sanitary Rehab - Spot Repairs	200,000
Sanitary System Replacement - Result of Capilano Pacific Trail Slide	1,500,000
SCADA - Electrical & Instrumentation Upgrades	127,864
Sanitary Replacements Total	**5,758,216**
Equipment Renewals	
Replace Dodge Caravan. Unit M036	25,000
Replace Tandem axle dump truck. Unit M001	150,000
Replace Tandem axle dump truck. Unit M023	150,000
Equipment Renewals Total	**325,000**
Sanitary Utility Total	**6,083,216**
Storm Utility	
Storm Improvements	
5 Creek Diversion Future Funding - DWV Contribution	150,000
Construction and Operational Specialized Equipment	225,000
Creek Enhancement & Culvert Rehab	425,000
DCC Bylaw Study - Utilities Contribution	75,000
Ditch Reinstatement Program	400,000
Hydrometric Monitoring Program	300,000
ISMP Update including Creeks Diversion Review	540,000
Storm Condition Assessment Program	700,000
Storm Rehab - Mainline	1,500,000
Storm Rehab - Spot Repairs	400,000
Trashrack / Debris Screen Upgrade Program	300,000
Trashrack and Culvert Enhancement and Rehab - Marr Creek	66,254
Storm Improvements Total	**5,081,254**
Storm Utility Total	**5,081,254**
Total	**11,164,470**

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2021 General Fund Capital Program Summary

PHASE 1	Capital Facilities Fund	Capital Infrastructure Reserve Fund	Capital Equipment Reserve Fund	Operational Reserve	Community Amenity Contributions (unrestricted)	External Sources / Donations	Development Cost Charges	Gas Tax Fund	Other Reserves	Total
Asset Preservation	4,995,631	640,000	749,645	418,172		18,052	345,000	250,000	9,500	**7,426,000**
Regular Asset Maintenance		1,874,000	986,500	327,200		33,000			70,000	**3,290,700**
Strategic Investment		315,000	987,000	50,000		83,000	170,000			**1,605,000**
Health & Safety		50,000	155,000	121,985		91,985	100,000			**518,970**
Innovation		42,000	190,000	50,000		192,866				**474,866**
Total Phase 1	**4,995,631**	**2,921,000**	**3,068,145**	**967,357**		**418,903**	**615,000**	**250,000**	**79,500**	**13,315,536**

PHASE 2										
Asset Preservation	878,370			25,000	1,650,000		286,000			**2,839,370**
Regular Asset Maintenance		1,475,000	254,370			14,300				**1,743,670**
Strategic Investment	75,000	125,000	500,000	10,000						**710,000**
Health & Safety	350,000									**350,000**
Innovation			50,000							**50,000**
Total Phase 2	**1,303,370**	**1,600,000**	**804,370**	**35,000**	**1,650,000**	**14,300**	**286,000**			**5,693,040**
Grand Total	**6,299,001**	**4,521,000**	**3,872,515**	**1,002,357**	**1,650,000**	**433,203**	**901,000**	**250,000**	**79,500**	**19,008,576**

2021 Phase 1 Funded Capital Projects

Strategic Priority	Category / Project	Capital Facilities Fund	Capital Infrastructure Reserve Fund	Capital Equipment Reserve Fund	Operational Reserve	Community Amenity Contributions (unrestricted)	External Sources / Donations	Development Cost Charges	Gas Tax Fund	Other Reserves	Total
	Asset Preservation	4,995,631	640,000	749,645	418,172		18,052	345,000	250,000	9,500	7,426,000
Social Well-Being	Additional Funding for Weston/Navvy Jack Parks Redevelopment						13,252				13,252
Municipal Services	Automated Material Handling (AMH) Bin Replacement			14,000							14,000
Social Well-Being	Baden Powell Trail Restoration		50,000								50,000
Climate Change & Nature	Brothers Creek Bridge Replacement							170,000			170,000
Municipal Services	Clerk's Correspondence Project									7,500	7,500
Municipal Services	Collections - Core				303,172						303,172
Climate Change & Nature	Failing Park Infrastructure Replacement		100,000								100,000
Social Well-Being	Failing Trails and Trail Structures Replacement							175,000			175,000
Social Well-Being	Film Digitization Project									2,000	2,000
Municipal Services	Firearm and Ballistic Equipment Evergreening				90,000						90,000
Social Well-Being	Garrow Bay Stair Replacement		90,000								90,000
Social Well-Being	Golf management/registration system replacement			30,000							30,000
Social Well-Being	Ice Arena - 004	150,000									150,000
Municipal Services	IT infrastructure replacement and additions			400,000							400,000
Social Well-Being	Lab Computer Replacements			34,080							34,080
Municipal Services	Larsen Bay Tennis Court Removal		40,000								40,000
Municipal Services	Multi Year Capital Renewal Plan - Ambleside Park Concession/Washrooms/ Caretaker-024	350,000									350,000
Municipal Services	Multi Year Capital Renewal Plan - Ambleside Park Equipment Storage/Pump House-025	21,001									21,001
Municipal Services	Multi Year Capital Renewal Plan - Argyle: John Lawson Park Washroom-027	5,814									5,814
Municipal Services	Multi Year Capital Renewal Plan - Fire Hall # 1-048	196,964									196,964
Municipal Services	Multi Year Capital Renewal Plan - Fire Hall # 3 - Caulfeild-011	104,249									104,249
Municipal Services	Multi Year Capital Renewal Plan - Fire Hall # 4 - British Properties-013	22,403									22,403
Social Well-Being	Multi Year Capital Renewal Plan - Ice Arena-004	169,671									169,671
Social Well-Being	Multi Year Capital Renewal Plan - Memorial Library	624,556									624,556
Municipal Services	Multi Year Capital Renewal Plan - Parkade and Central Plant-003	134,698									134,698
Social Well-Being	Multi Year Capital Renewal Plan - West Vancouver Aquatic Centre-001	251,751									251,751
Social Well-Being	Multi Year Capital Renewal Plan - West Vancouver Community Centre-002	214,524									214,524
Climate Change & Nature	Park Drainage & Irrigation Replacement		55,000								55,000
Social Well-Being	Public Computer Replacements and Privacy Screens			55,865							55,865
Municipal Services	Replace Fire Support unit F032 (P-FD-190)			92,700			3,000				95,700
Municipal Services	Replace Fire Support unit F046 (P-FD-189)			43,000			1,800				44,800
Municipal Services	Replace removed funding for Fire Tower Truck unit F041 (P-FD-172)			80,000							80,000
Social Well-Being	Sports Court Replacement		15,000						250,000		265,000
Social Well-Being	Sports Field Lights, Fencing and Backstop Replacements		50,000								50,000
Social Well-Being	Trail Signage Replacement				25,000						25,000
Social Well-Being	Underground Park Utility Systems		90,000								90,000
Social Well-Being	Waterfront Park Pier Repairs & Replacements		150,000								150,000
Municipal Services	Municipal Hall Seismic Upgrade and Renewal - Phase 3 (Note: funding previously approved)	2,750,000									2,750,000
	Regular Asset Maintenance		1,874,000	986,500	327,200		33,000			70,000	3,290,700
Mobility	2020 Deficiencies		75,000								75,000
Mobility	2021 Hot Patch Program		50,000								50,000
Mobility	2021 Traffic Safety Improvement Program		25,000								25,000
Mobility	700 Marine Dr Bus Lane		100,000								100,000
Social Well-Being	Aquatic Centre Weight Room Equipment Replacement			29,000							29,000
Municipal Services	Auto Extrication Equipment (AutoX) (P-FD-165)				69,800						69,800
Social Well-Being	Continued Funding for Field Grooming Equipment for Rutledge Field									70,000	70,000
Mobility	Crosswalk Rectangular Rapid Flashing Beacons		65,000								65,000
Social Well-Being	Cultural Displays & Lighting Replacement				6,500						6,500
Municipal Services	Fire Hose & Nozzle Equipment (P-FD-169)				50,000						50,000
Mobility	Inglewood Avenue - Sinclair Avenue to 22nd Street		250,000								250,000
Municipal Services	IT Evergreening & Projects			65,000							65,000
Mobility	Keith Road Bridge Design		250,000								250,000
Mobility	Mathers Avenue - 21st - 25th		500,000								500,000
Mobility	North Shore Mobility Projects		50,000								50,000
Municipal Services	Personal Protective Equipment (PPE) (P-FD-161)				93,000						93,000
Municipal Services	Police Operational Vehicle unit V005			95,000			2,000				97,000
Municipal Services	Police Operational Vehicle unit V011			95,000			2,500				97,500
Municipal Services	Police Operational Vehicle unit V021			95,000			2,500				97,500
Mobility	Railway Crossing Upgrades		54,000								54,000
Municipal Services	Replace 3/4 ton pick up unit M027			55,000			5,000				60,000
Municipal Services	Replace all terrain vehicle unit P069			56,000			2,000				58,000
Municipal Services	Replace hybrid sedan unit P024			55,000			3,000				58,000
Municipal Services	Replace ride-on mower unit GL39			60,000			2,500				62,500
Municipal Services	Replace service truck unit M024			125,000			4,000				129,000
Municipal Services	Replace service van unit M029			50,000			2,000				52,000
Municipal Services	Replace single axle dump truck unit P003			145,000			6,000				151,000
Municipal Services	Replace top dresser attachment unit P070			11,500							11,500
Municipal Services	Replace utility vehicle unit PP11			50,000			1,500				51,500
Municipal Services	Respiratory Protection Equipment (SCBA) (P-FD-243)				24,900						24,900

Appendix B: 2021 General Fund Capital Program Summary – Phase 1 and Phase 2

Strategic Priority	Category / Project	Capital Facilities Fund	Capital Infrastructure Reserve Fund	Capital Equipment Reserve Fund	Operational Reserve	Community Amenity Contributions (unrestricted)	External Sources / Donations	Development Cost Charges	Gas Tax Fund	Other Reserves	Total
Municipal Services	Slope Stability Improvements		100,000								100,000
Municipal Services	Technical Rescue Equipment (P-FD-263)				83,000						83,000
Mobility	The Dale and Marine Intersection Safety Improvement		30,000								30,000
Mobility	Traffic Signals		125,000								125,000
Mobility	Traffic Studies and Counts		75,000								75,000
Mobility	TRRIP (TransLink - Transit Related Road Infrastructure Program)		125,000								125,000
	Strategic Investment		315,000	987,000	50,000		83,000	170,000			1,605,000
Municipal Services	Acquisition of a pick-up			55,000							55,000
Social Well-Being	Annual Public Art Fund Contribution				50,000						50,000
Municipal Services	Application Software Upkeep & Enhancements			250,000							250,000
Municipal Services	Barber Surf Rake Beach Cleaner			78,000							78,000
Social Well-Being	Coastal Marine Management Plan Implementation		55,000								55,000
Municipal Services	Community Services Employee Scheduling System			30,000							30,000
Municipal Services	Copiers Replacement and Consolidation			150,000							150,000
Social Well-Being	Implementation of Shoreline Protection Projects		210,000								210,000
Social Well-Being	Indigenous Language Signage			20,000							20,000
Social Well-Being	Klee Wyck Park Plantings, Interpretive Signage & Site Furniture						60,000				60,000
Social Well-Being	Klee Wyck Park Site Restoration							170,000			170,000
Municipal Services	Major Appliance, Program and Kitchen Equipment Replacement			10,000			20,000				30,000
Municipal Services	Public Websites Rebuild and Consolidation			190,000							190,000
Municipal Services	Replace Fire Interface unit F023 (P-FD-377)			104,000			3,000				107,000
Social Well-Being	Special Event Equipment Replacement			100,000							100,000
Social Well-Being	Trail Partnership With Recreational Trail Groups		50,000				0				50,000
	Health & Safety		50,000	155,000	121,985		91,985	100,000			518,970
Municipal Services	Community Wildfire Plan Implementation				91,985		91,985				183,970
Municipal Services	Fire Training Stacked Container Prop (P-FD-487)			120,000							120,000
Municipal Services	First Aid Equipment Replacement				10,000						10,000
Social Well-Being	Gleneagles Community Centre Weight Room Equipment Replacement			35,000							35,000
Municipal Services	Medical Equipment (P-FD-401)				20,000						20,000
Social Well-Being	Memorial Park Accessibility Improvements							100,000			100,000
Municipal Services	Slope Stabilization along Seaview Trail		50,000								50,000
	Innovation		42,000	190,000	50,000		192,866				474,866
Social Well-Being	Collections - Enhanced						192,866				192,866
Municipal Services	Data Acquisition - 2020 Orthophotos and 2021 LiDAR with Vegetation Classification		42,000								42,000
Municipal Services	Information Technology - Police Enterprise Resourcing Platform System			150,000							150,000
Municipal Services	JD Edwards (JDE) - Maintenance Connection Asset Management				50,000						50,000
Municipal Services	Microsoft Office 365			40,000							40,000
	Total Phase 1	**4,995,631**	**2,921,000**	**3,068,145**	**967,357**		**418,903**	**615,000**	**250,000**	**79,500**	**13,315,536**

2021 Phase 2 Funded Capital Projects

Strategic Priority	Category / Project	Capital Facilities Fund	Capital Infrastructure Reserve Fund	Capital Equipment Reserve Fund	Operational Reserve	Community Amenity Contributions (unrestricted)	External Sources / Donations	Development Cost Charges	Gas Tax Fund	Other Reserves	Total
	Asset Preservation	878,370			25,000	1,650,000		286,000			**2,839,370**
Municipal Services	Multi Year Capital Renewal Plan - Ambleside Lock Up (East)-022	38,428									38,428
Social Well-Being	Multi Year Capital Renewal Plan - Hugo Ray Park Caretaker Residence & Washroom-099	100,000									100,000
Municipal Services	Multi Year Capital Renewal Plan - Operation Centre - Main Building-014	614,196									614,196
Municipal Services	Multi Year Capital Renewal Plan - Operation Centre - Parks Mower Shed-016	6,926									6,926
Municipal Services	Multi Year Capital Renewal Plan - Operations Centre - Paint Shop-020	4,596									4,596
Social Well-Being	Multi Year Capital Renewal Plan - Seniors Activity Centre-008					1,650,000					1,650,000
Social Well-Being	Multi Year Capital Renewal Plan - West Vancouver Child Development Centre-073	8,931									8,931
Social Well-Being	Multi Year Capital Renewal Plan - Whytecliff Park Concession-036	9,292									9,292
Social Well-Being	Multi Year Capital Renewal Plan - Whytecliff Park Washroom - Lower-035	75,000									75,000
Social Well-Being	Multi Year Capital Renewal Plan - Whytecliff Park Washroom - Upper-034	21,001									21,001
Social Well-Being	Park Furniture Replacement				25,000						25,000
Social Well-Being	Sport Field Drainage & Irrigation Replacement							286,000			286,000
	Regular Asset Maintenance		1,475,000	254,370			14,300				**1,743,670**
Mobility	Caulfield Road - Headland Drive to Rutland Road		300,000								300,000
Mobility	Chairlift Place		75,000								75,000
Mobility	Chartwell - 1469 Chartwell Drive to Millstream Road		400,000								400,000
Mobility	Headland Drive - Trans Canada Highway to Sprucefield		200,000								200,000
Social Well-Being	Library Network Renewal			18,170							18,170
Mobility	Marine Drive - Sherman Street to Burkehill Road		150,000								150,000
Mobility	Marine Drive & 31st redesign		75,000								75,000
Municipal Services	Replace 2009 Tuff Trailer unit P060			7,400			600				8,000
Municipal Services	Replace 2009 Tuff Trailer unit P083			7,400			600				8,000
Municipal Services	Replace 2010 Turf Trailer unit P037			7,400			600				8,000
Municipal Services	Replace mini-excavator unit P043			100,000			8,000				108,000
Municipal Services	Replace ride-on mower unit A001			64,000			3,000				67,000
Municipal Services	Replace utility vehicle unit GL33			50,000			1,500				51,500
Municipal Services	Slope Stability Improvements		100,000								100,000
Mobility	Traffic Calming (Speed Humps & Speed Boards)		50,000								50,000
Mobility	Traffic Signals		125,000								125,000
	Strategic Investment	75,000	125,000	500,000	10,000						**710,000**
Social Well-Being	Continued Initial Funding for WVSS Artificial Turf Field and Track		125,000								125,000
Social Well-Being	Klee Wyck Park Plantings, Interpretive Signage & Site Furniture				10,000						10,000
Municipal Services	Mobile Workforce Equipment			500,000							500,000
Municipal Services	Public Safety Building Functional Improvements	75,000									75,000
	Health & Safety	350,000									**350,000**
Municipal Services	Gleneagles Parking Lot Resurfacing	350,000									350,000
	Innovation			50,000							**50,000**
Municipal Services	HR Onboarding System			50,000							50,000
	Total Phase 2	**1,303,370**	**1,600,000**	**804,370**	**35,000**	**1,650,000**	**14,300**	**286,000**			**5,693,040**