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CITY OF NANAIMO
THE QUALITY CONNECTION

Asset Management

The City provides a wide range of services to the community that requires stewardship of a diverse group of assets. These assets provide needed and desired services to support the economic, environmental, social, and well-being of the community.

The effort to make sure our infrastructure is reliable and sustainable is known as Asset Management

20 Year Investment Plan and Asset Management Plan Update

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Asset Management Framework

The Asset Management BC Framework recognizes there are many components within the asset management process and provides a circular, continuous pathway to link all components of the process together.



20 Year Investment Plan and Asset Management Plan Update

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Asset Management Steering Committee

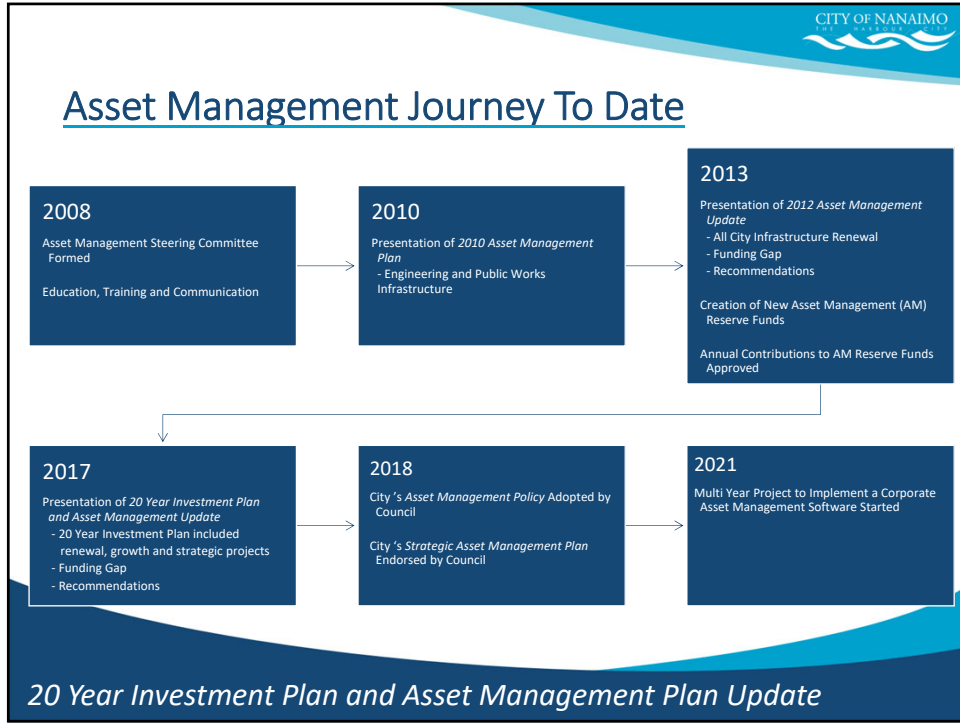
Committee has representation from across the organization

Lead and coordinate development of the City's Asset Management System

- Education and training
- Infrastructure lifecycle planning models
- Implementation of AM process and information improvements

20 Year Investment Plan and Asset Management Plan Update

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CITY OF NANAIMO
THE QUALITY CONNECTION

Long Term Planning Purpose

- Support the delivery of services
- Attention directing
 - Identify emerging issues
- Proactive decision making

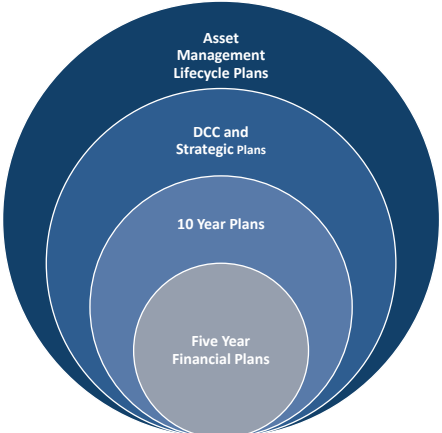


20 Year Investment Plan and Asset Management Plan Update

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CITY OF NANAIMO
THE QUALITY CONNECTION

Long-Term Planning Approach



As planning processes advance, investment timing and cost estimates may change

20 Year Investment Plan and Asset Management Plan Update

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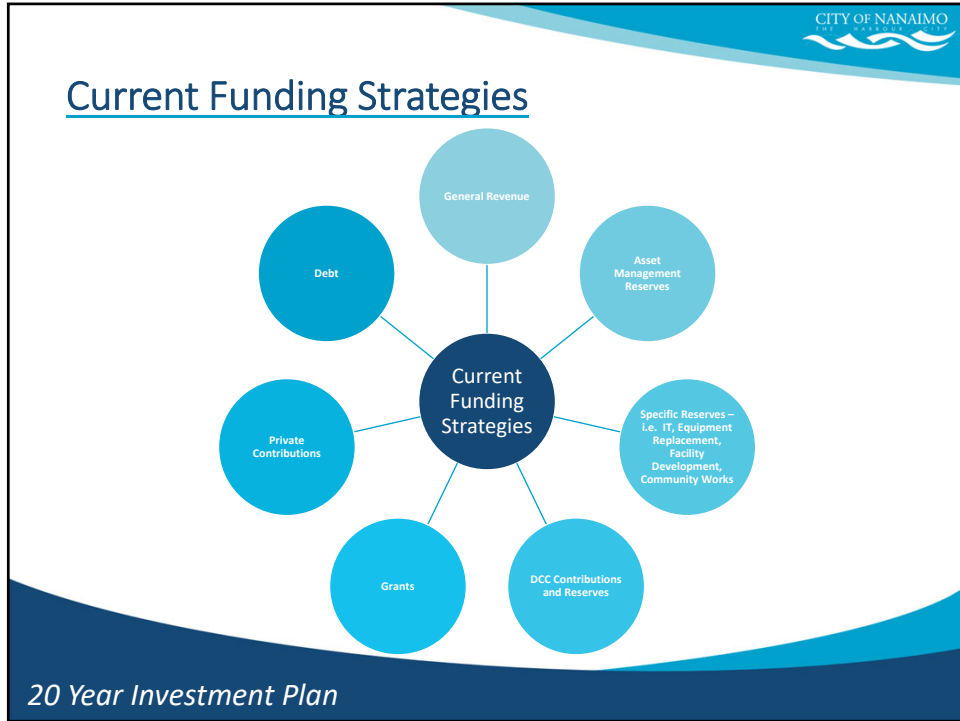
CITY OF NANAIMO
THE QUALITY CONNECTION

20 Year Investment Plan Update

2023 - 2042

The slide features a central title '20 Year Investment Plan Update' with the years '2023 - 2042' below it. Surrounding the title are five images: a white SUV, a construction site with a worker, a detour sign, a person on a bicycle, and a modern building. The City of Nanaimo logo is in the top right corner.

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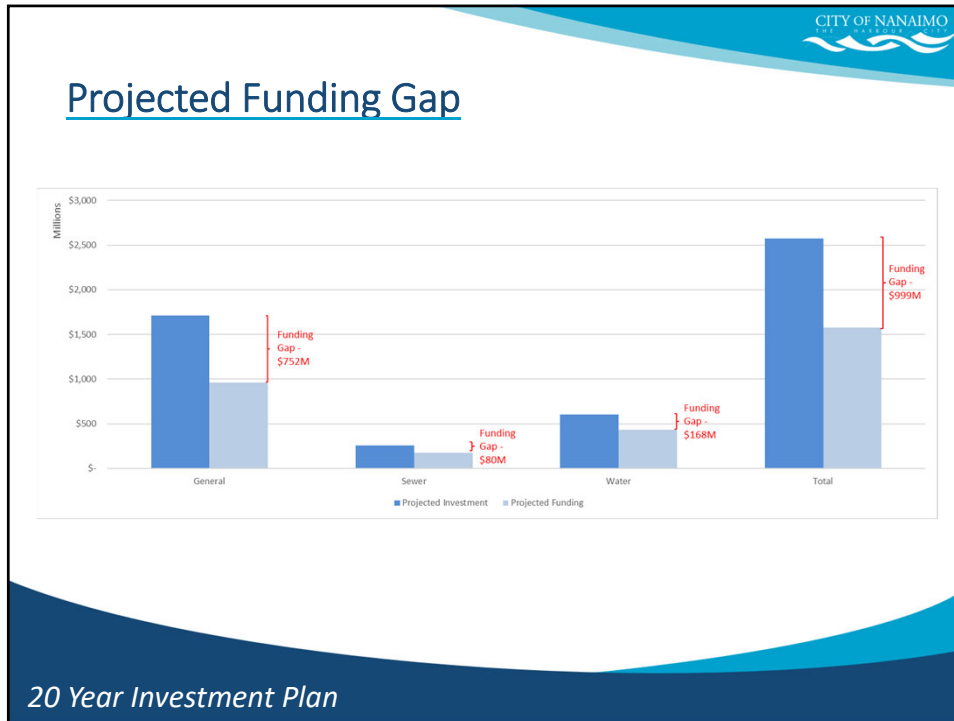
20 Year Investment Plan Fund and Type

	20 Year Investment Plan		
	Allocated to Growth*	Existing Residents	Total
General			
Non DCC Projects		1,397,674,408	1,397,674,408
DCC Projects	187,321,472	129,330,401	316,651,873
Total General	187,321,472	1,527,004,809	1,714,326,281
Sewer			
Non DCC Projects		203,837,126	203,837,126
DCC Projects	45,619,121	8,313,883	53,933,004
Total Sewer	45,619,121	212,151,009	257,770,130
Water			
Non DCC Projects		521,157,717	521,157,717
DCC Projects	51,807,671	29,550,646	81,358,317
Total Water	51,807,671	550,708,363	602,516,034
	284,748,264	2,289,864,181	2,574,612,445

*Less Assist Factor

20 Year Investment Plan

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Projected Funding

	Current Funding Strategies	Projected Funding Excess/ (Shortfall)		
		DCC	Renewal/Upgrade/ Strategic	Total
General	962,774,748	(84,938,664)	(666,612,869)	(751,551,533)
Sewer	177,919,615	(22,954,050)	(56,896,465)	(79,850,515)
Water	434,867,254	32,956,278	(200,605,058)	(167,648,780)
Total	1,575,561,617	(74,936,436)	(924,114,392)	(999,050,828)

20 Year Investment Plan

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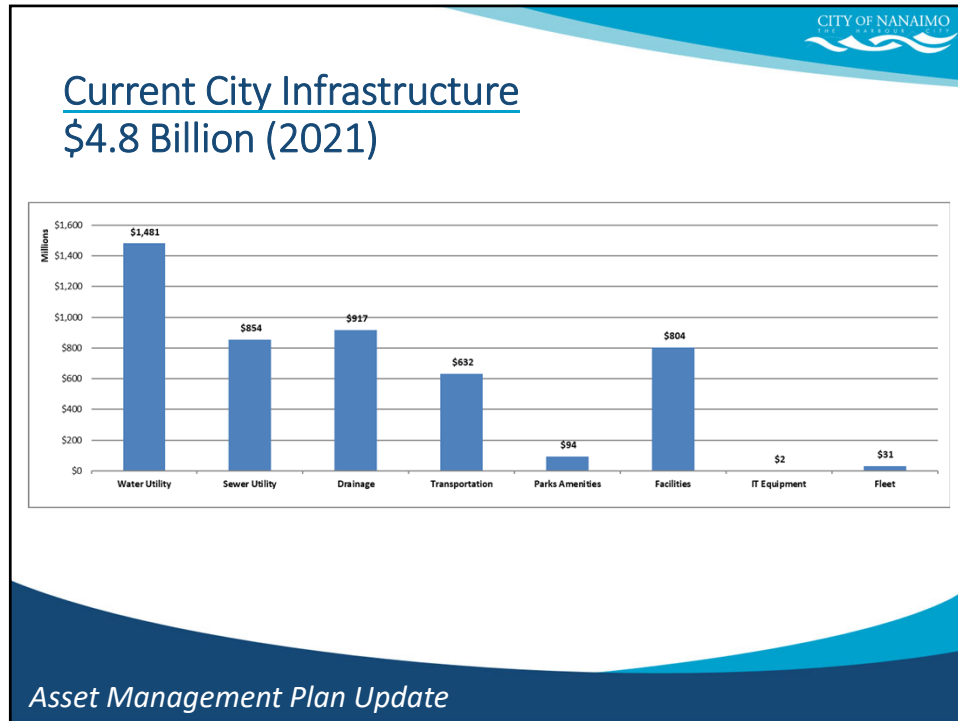


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Asset Management Plan Update

The collage features six distinct images: a children's playground with colorful equipment; a large 3D 'NANAIMO' sign in a park; a fire station with two red fire trucks; a sandy beach with a person; a white garbage truck with a green bin; and a road construction site with a paving machine.

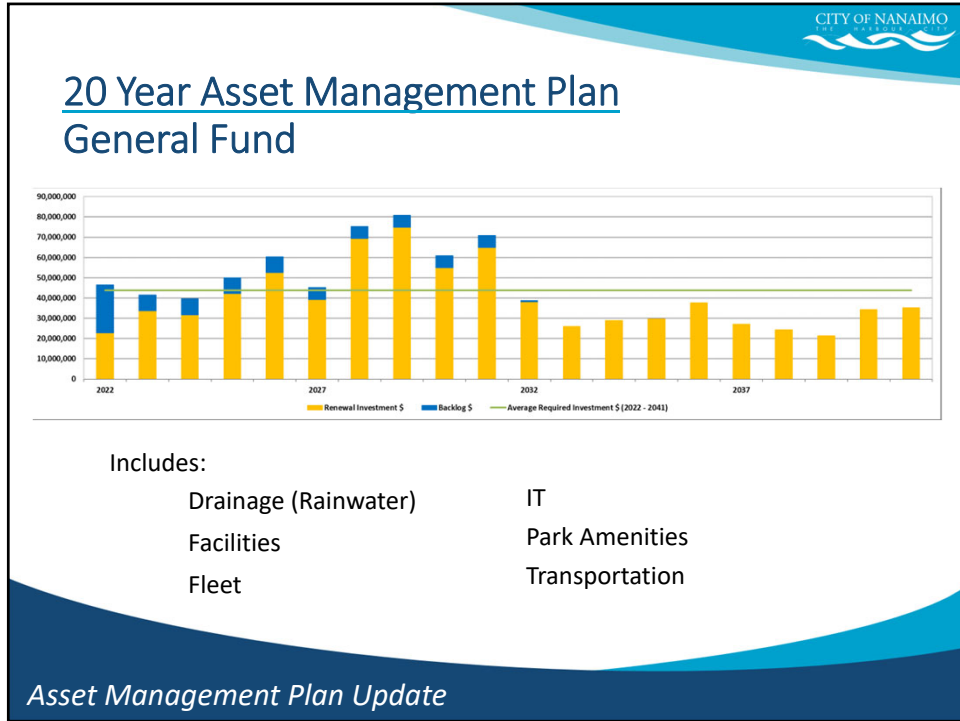
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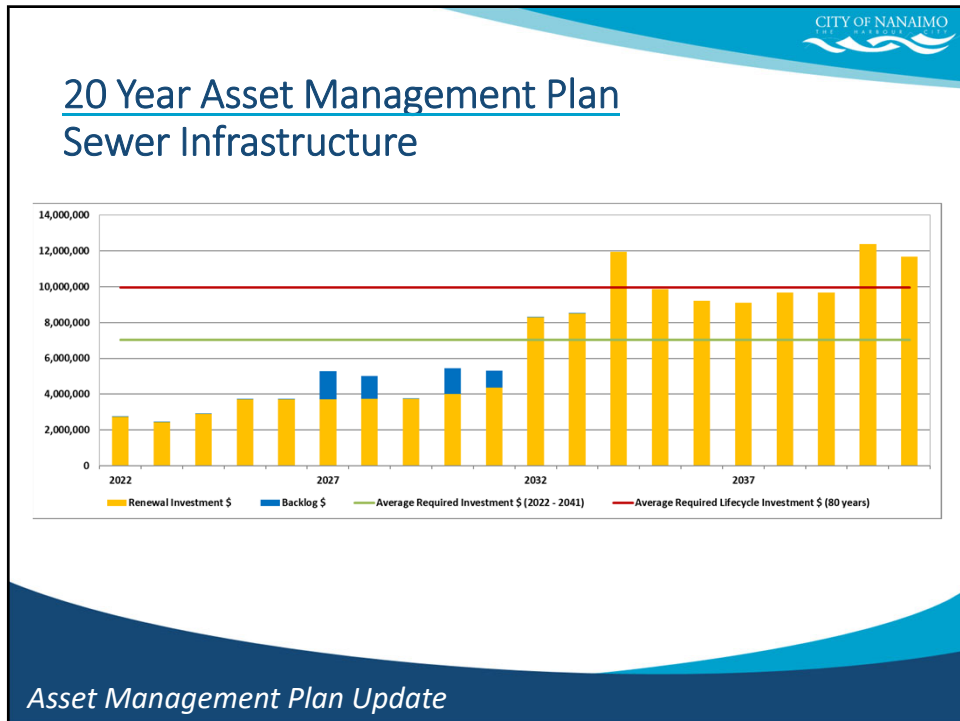
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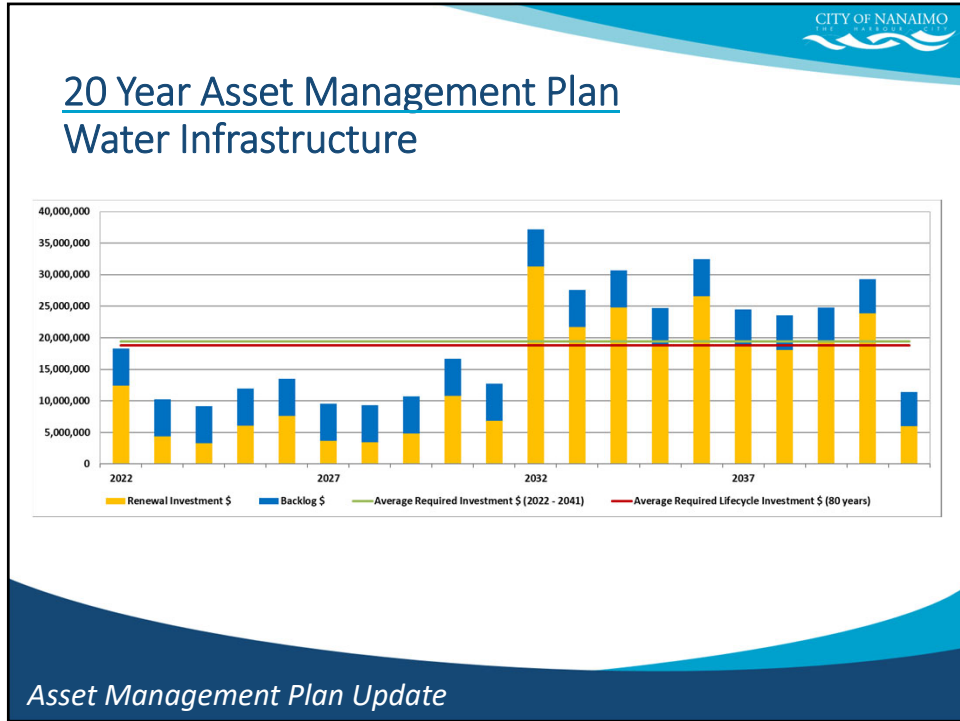
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Asset Management – Continuous Improvement

Corporate Asset Management Software (CAMS) - Cartegraph

Level of Service (LOS): Asphalt

The City has a grant from the Federation of Canadian Municipalities to assist with study.

Facility Asset Management Strategy

The City has a grant from the Province of BC to assist with a Facility Asset Management Strategy (formerly Facility Master Plan).

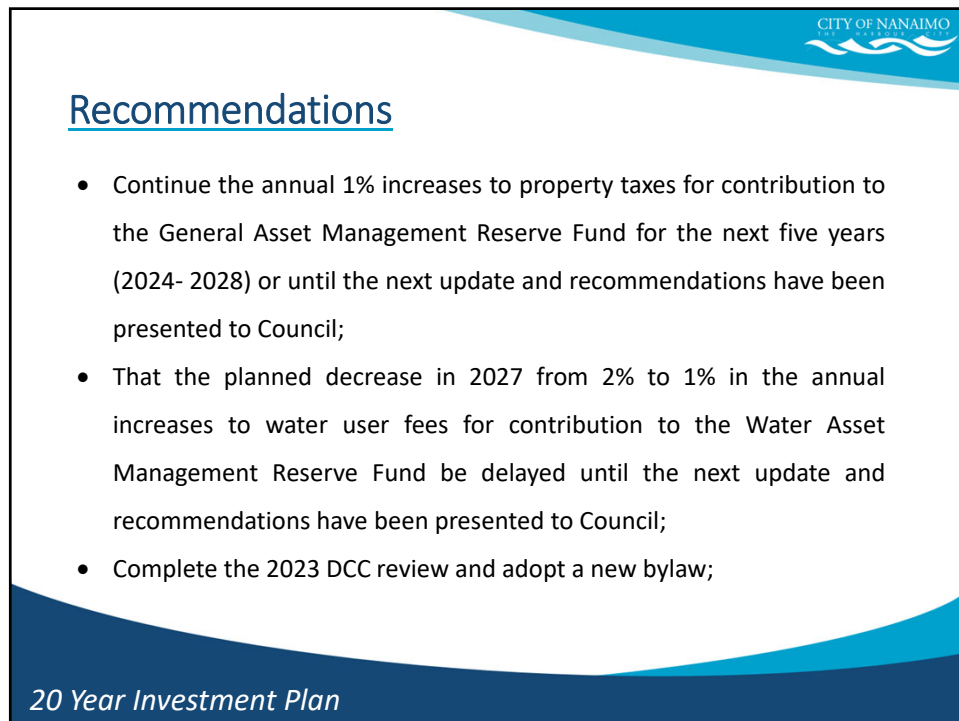
Staff Training

Asset Management Plan Update

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Recommendations

- Continue the annual 1% increases to property taxes for contribution to the General Asset Management Reserve Fund for the next five years (2024- 2028) or until the next update and recommendations have been presented to Council;
- That the planned decrease in 2027 from 2% to 1% in the annual increases to water user fees for contribution to the Water Asset Management Reserve Fund be delayed until the next update and recommendations have been presented to Council;
- Complete the 2023 DCC review and adopt a new bylaw;

20 Year Investment Plan

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Recommendations

- Fund the major capital projects under development from borrowing subject to Council and electoral approval;
- Decommission or remove infrastructure no longer serving its purpose; and
- Implement improvements to the City's AM System:
 - Continue to develop levels of service.
 - Continued implementation and development of Cartegraph, a corporate asset management system (CAMS) software that will map, track, and manage the City's assets and aid future decision making.

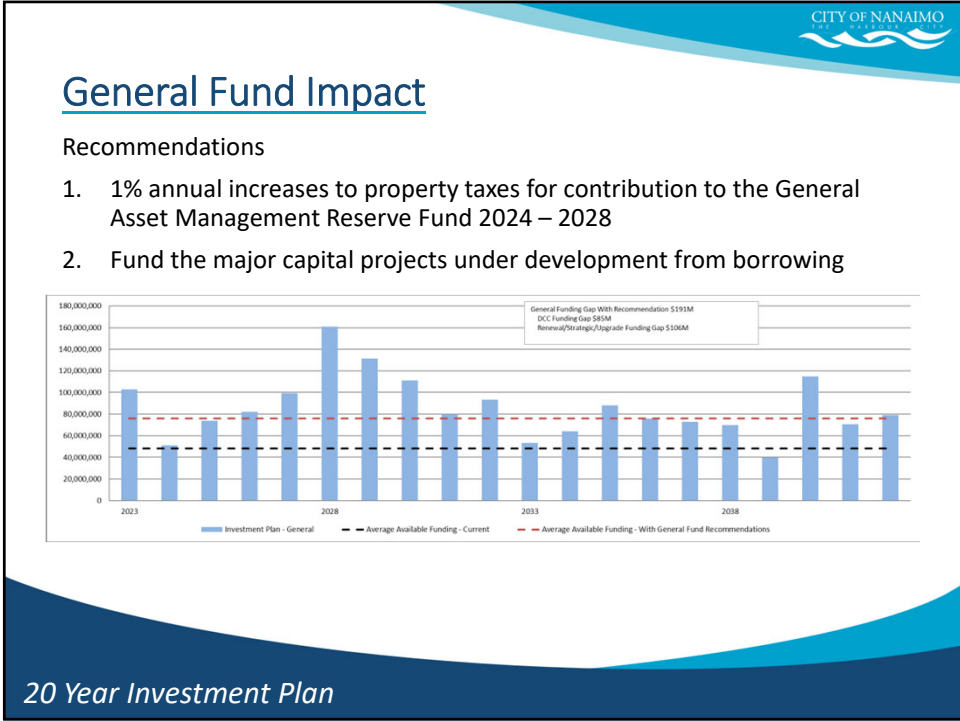
20 Year Investment Plan

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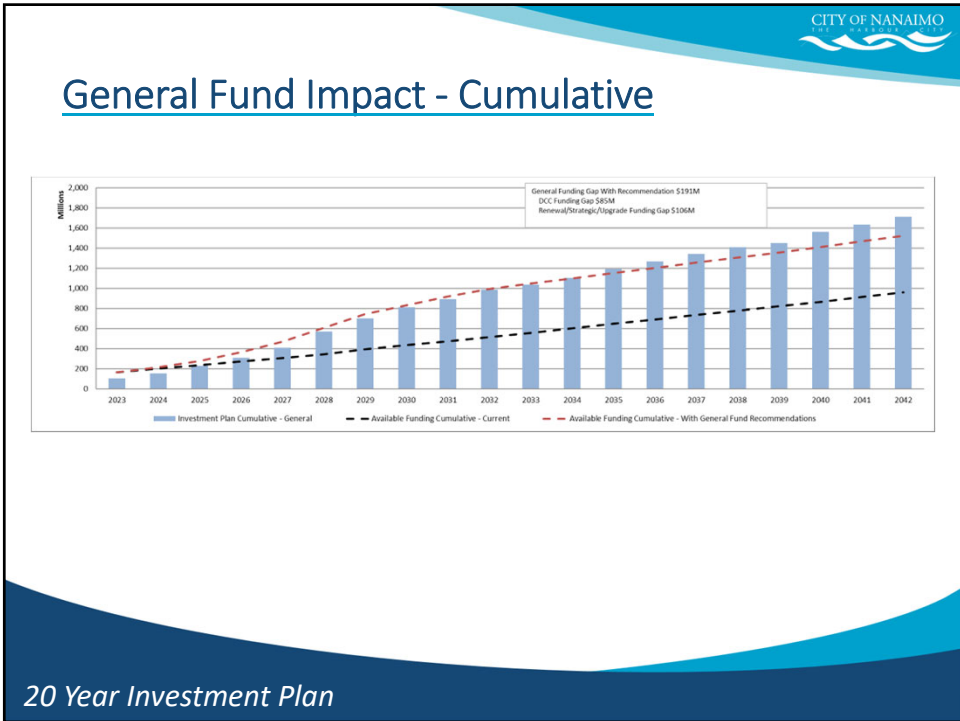


Impact of Funding Recommendation – General Fund

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General Fund Gap Restated

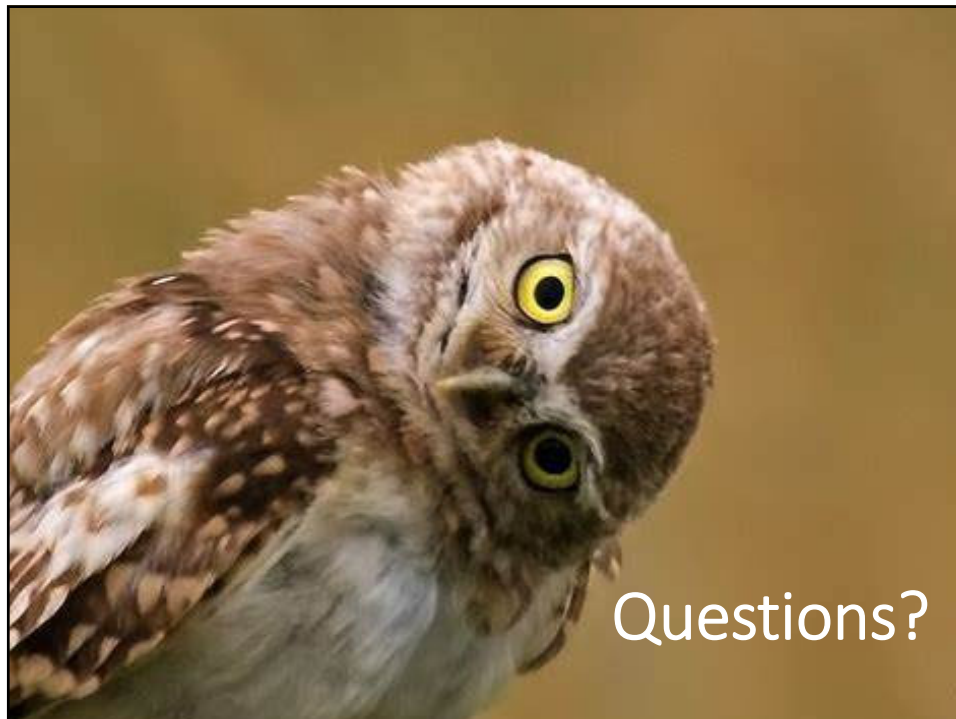
	Projected Project Funding	Projected Funding Excess/ (Shortfall)		
		DCC	Renewal/Upgrade/ Strategic	Total
General	1,523,024,668	(84,938,664)	(106,362,949)	(191,301,613)
Total	1,523,024,668	(84,938,664)	(106,362,949)	(191,301,613)

Steps to Address Remaining Gap

1. DCC Bylaw update beginning in 2023
2. Review continuing the annual increase for contribution to the General Asset Management Reserve Fund at time of next update

20 Year Investment Plan

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