



City of
Courtenay

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Sustainable Infrastructure Investment Plan

A 100-YEAR PLAN

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Outline

Sustainable Infrastructure Investment Plan

- Why was this plan prepared?
- Why 100 Years?
- Background
- What is Sustainable Funding?
- Courtenay Findings
- Recommendations

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[cbc.ca](https://www.cbc.ca)

Prince Rupert declares local state of emergency over water main breaks, supply interruptions | CBC News

CBC News · Posted: Dec 18, 2022 3:26 PM PT | Last Updated: December 18



Crews evaluate the scope of damage on Hwy. 19 after a sinkhole damaged the road in the northbound lanes on Thursday, Nov. 18. (Alex Rawnsley/NanaimoNewsNOW)

HIGHWAY HEADACHES

By NanaimoNewsNOW Staff

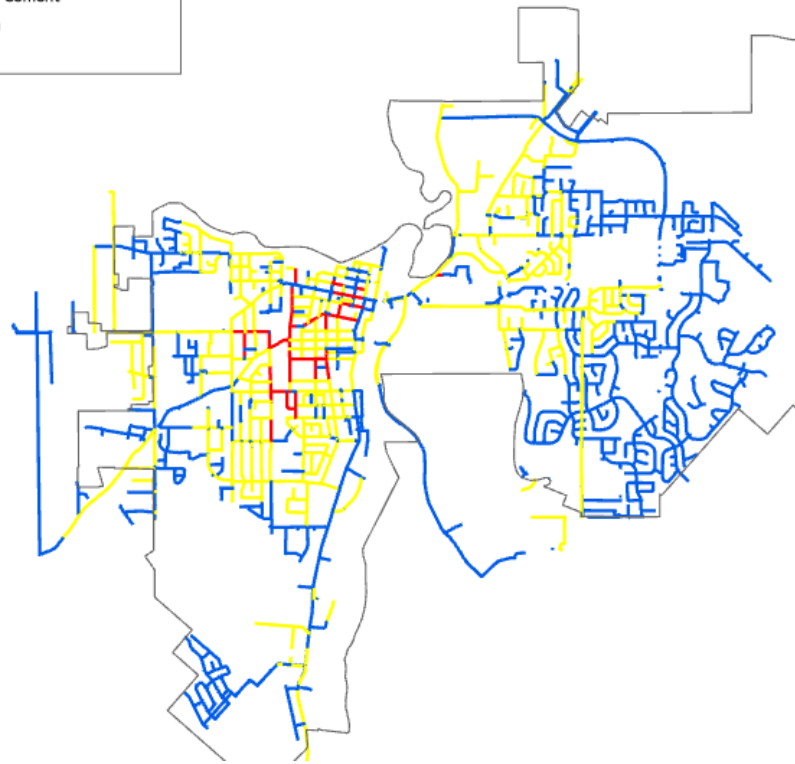
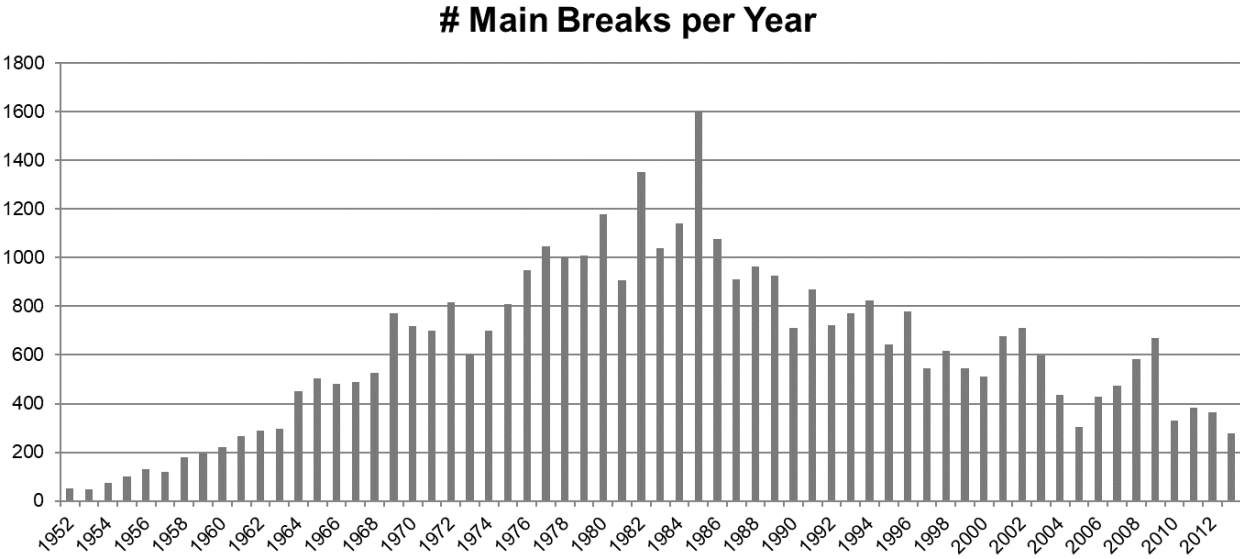
Top Stories of 2021: Sinkhole slows down Hwy. 19

Dec 20, 2021 | 6:58 PM

Infrastructure Examples

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Watermain Break History



Background

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Since incorporation in 1915, Courtenay has accumulated over
\$1 billion worth of infrastructure.

Background

- 2015 Asset Management Policy
- 2019 Asset Management Bylaw
- 2021 - 2022 Council Strategic Priority

This is the first time a Courtenay City Council has seen a plan like this.

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Key Findings



Asset Inventory

\$1.086B
Asset Replacement Cost

Future Growth

\$64M
Future City Costs

Infrastructure Backlog

\$82M
Infrastructure Backlog Cost

Debt

\$100M
Potential City Borrowing Costs

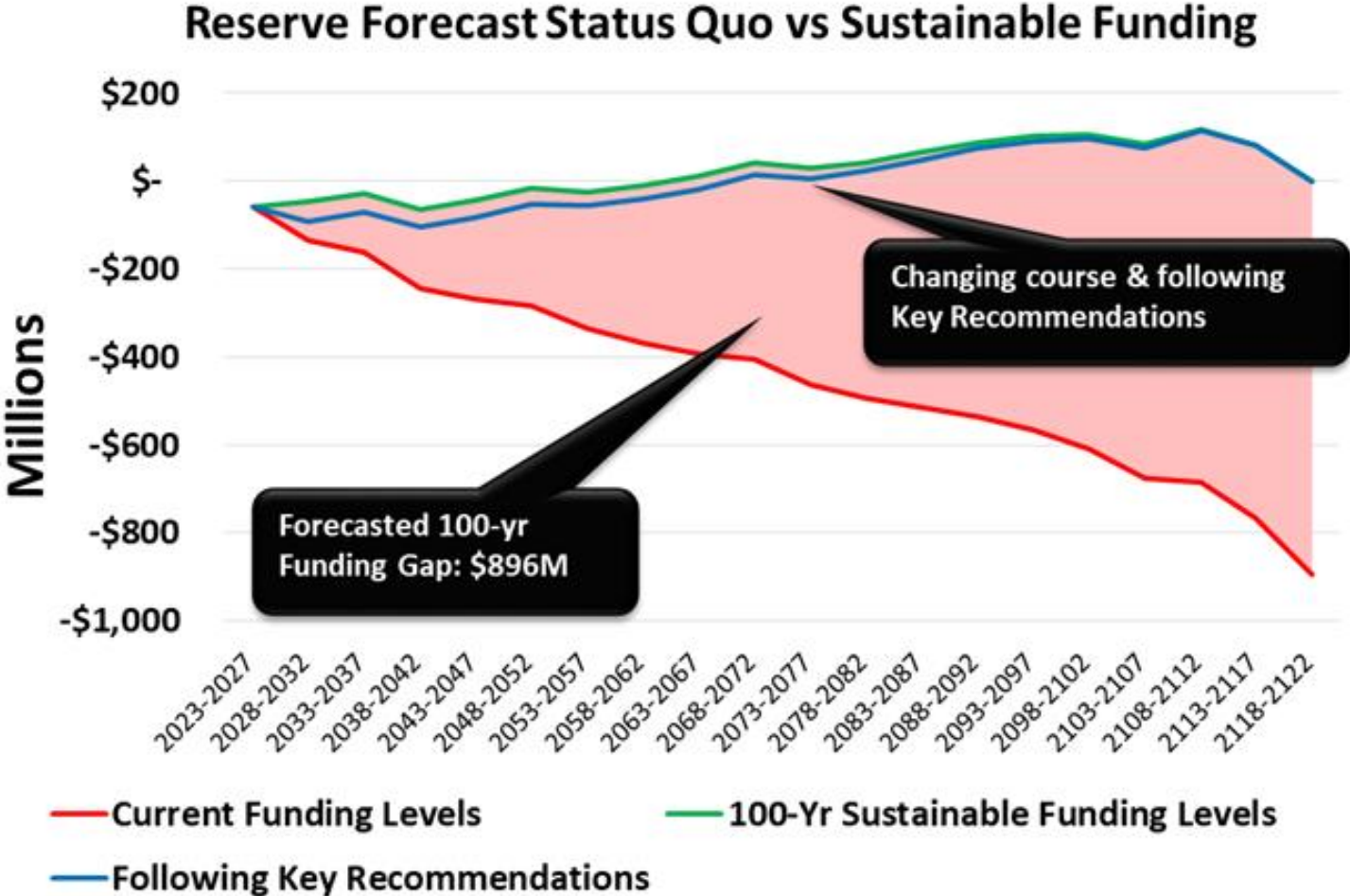
Sustainable Funding Gap

\$8.9M
Sustainability Funding Gap

Cost of Climate Change

\$ Unknown
Both a Risk and Demand

Key Findings



Key Recommendations

- Increase funding to sustainable levels

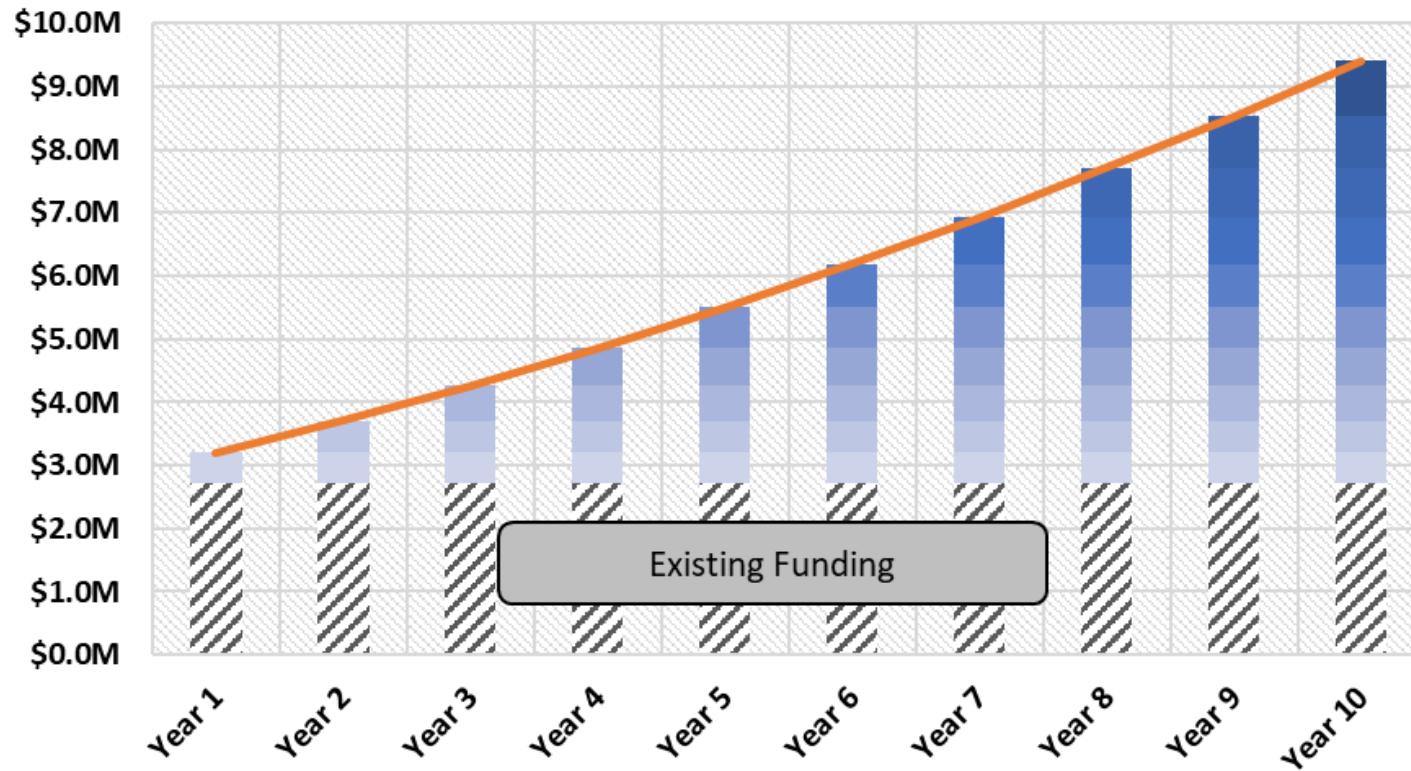
	Recommended Option	Annual \$ Impact Per Household
General Taxation	1.5% for ten years	\$25

- Convert obsolete debt servicing budgets
- Utilize Non-Market Change Revenue
- Integrate lifecycle costing
- Align long-term cash flows
- Update the DCC Program

Cumulative Infrastructure Contribution

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Cummulative SIIP Contribution from General Funding



Future Considerations

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- Equitable renewal spending for each asset class
- Efficient capital delivery
- Service Levels
- Review borrowing and spending options

Next Steps

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The Way Forward

Policy changes and an enhanced revenue strategy are needed to put Courtenay on the path to long-term financial sustainability.