




2022


CITY OF VICTORIA | Engineering and Public Works

# Underground Utilities

## Asset Overview

Committee of the Whole November 24, 2022




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## Infrastructure Inventory

Infrastructure Type	Description	% in Poor condition
Water System	330 km of mains, 18,600 service lines 11 pressure regulation stations 1864 fire hydrants	19%
Sanitary Sewer System	237 km of mains, 15,200 service lines 11 pump stations	10%
Stormwater System	256 km of mains, 10 km of brick mains 11,020 service lines 4 pump stations 3 treatment facilities	10%

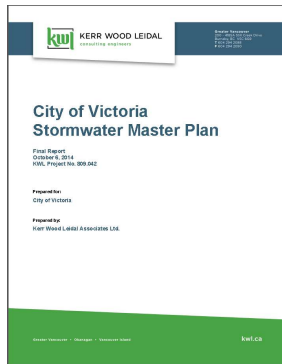
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## Infrastructure Planning

- Guided by asset management principles and Master Plans



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## Infrastructure Planning

- Master Plans support the Official Community Plan and City Strategic Plans
- Long range plans (20 year capital plans) with risk-based approach to prioritization of projects
- Includes consideration for development related growth, climate change adaptation, seismic risk and coordination with other assets renewals
- Condition assessments and Master Plans are updated ~5 years
- Projects that support future development are incorporated into DCC's
- Annual Capital Plans guided by Master Plans

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## Challenges

- Significant cost escalation in recent years
- Supply chain issues
- Soil relocation costs
- Construction market

## Opportunities

- New technologies
- Internal resources
- Update master plans
- Update DCC's
- Federal/Provincial Grants

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## Recommendations

- Direct staff to bring forward bylaws outlining water utility, sewer utility, stormwater utility, and solid waste user fee increases for 2023 to the December 1, 2022, daytime Council meeting for consideration of first, second and third readings.

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