

Asset Management Plan

2024

Legislative Requirements

PSAB introduces
Tangible Capital Asset
Reporting
January 1, 2009

O.Reg 588/17 Strategic Asset Management Policy required July 1, 2019 O.Reg 588/17 AMP for all infrastructure assets required July 1, 2024











November 15, 2017

County Council approves Asset Management Plan 2017 Update (AMP)

July 1, 2022

O.Reg 588/17 AMP for core infrastructure assets required

July 1, 2025

O.Reg 588/17 AMP for all assets with proposed levels of service required



Estimated Useful Life

- Average number of years an asset is expected to be available for use and remain in service
- Based on industry standards, practical experience & professional judgement



Replacement Cost

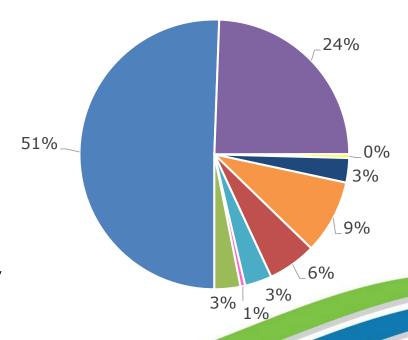
- Historical costs inflated using CPI
- Estimate of current costs
 - -Historical cost trends
 - Current market pricing
 - Recent tenders or quotes
 - -Professional judgement



Asset Portfolio

Total Replacement Cost = \$1,123,799,000

- Road Network
- Bridges & Culverts
- Stormwater Network
- Infrastructure & Planning
- Sun Parlor Home
- Emergency Medical Services
- General Government
- Essex County Library
- Essex Windsor Solid Waste Authority





Condition Ratings



Very Poor

Urgent need to replace or repair the asset. Safety hazards present. Less than 20% of expected service life remaining



Poor

Failure is likely, substantial work required. Asset barely functions. Less than 40% of expected service life remaining.



Fair

Significant deterioration is evident. Works but repair needed. At least 40% of expected service life remaining.



Good

Acceptable condition, minimal risk of failure. At least 60% of expected service life remaining.



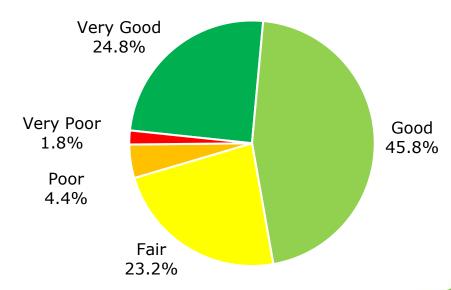
Very Good

Sound physical condition, performs adequately. At least 80% of expected service life remaining.



Asset Condition

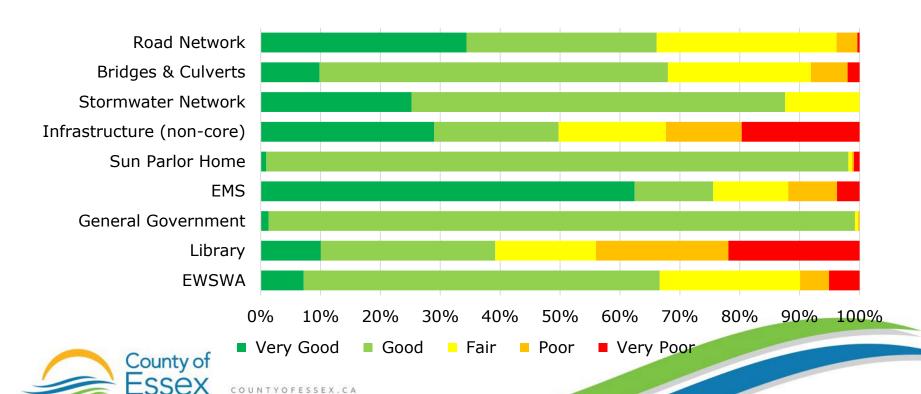
Overall Condition





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Condition Summary



Lifecycle Strategy

- ■Regular inspections
- Maintenance / Preventative Maintenance
- Rehabilitation
- ■Replacement



Annual Requirement

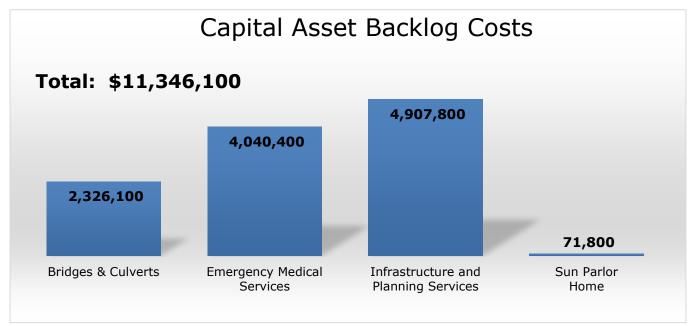
Annual Requirement = \$49,207,800



Current Expenditure Rate = 41.0%



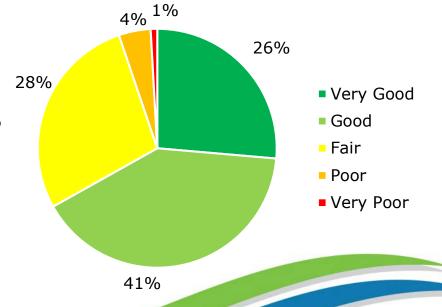
Backlog





Core Infrastructure Highlights

- Stable assessments year-over-year
- Focus on updated condition assessments
- Strengthen communication with regional neighbours



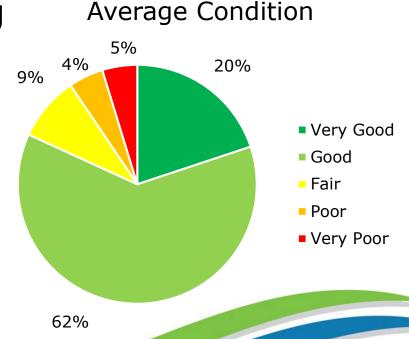
Average Condition



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Non-Core Infrastructure Highlights

- Replacement of backlog assets
- Long-term capital replacement plan
- Regular building condition assessments





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Reinvestment Rates

Target:

4.11%



Actual:

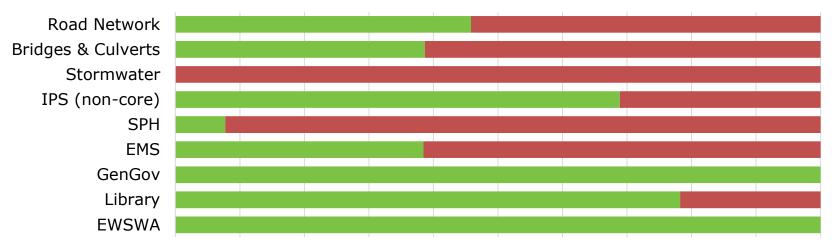
1.68%



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Funding Summary

Annual Capital Requirements



0.0% 10.0% 20.0% 30.0% 40.0% 50.0% 60.0% 70.0% 80.0% 90.0% 100.0%



Actual Expenditures

Funding Shortfall

